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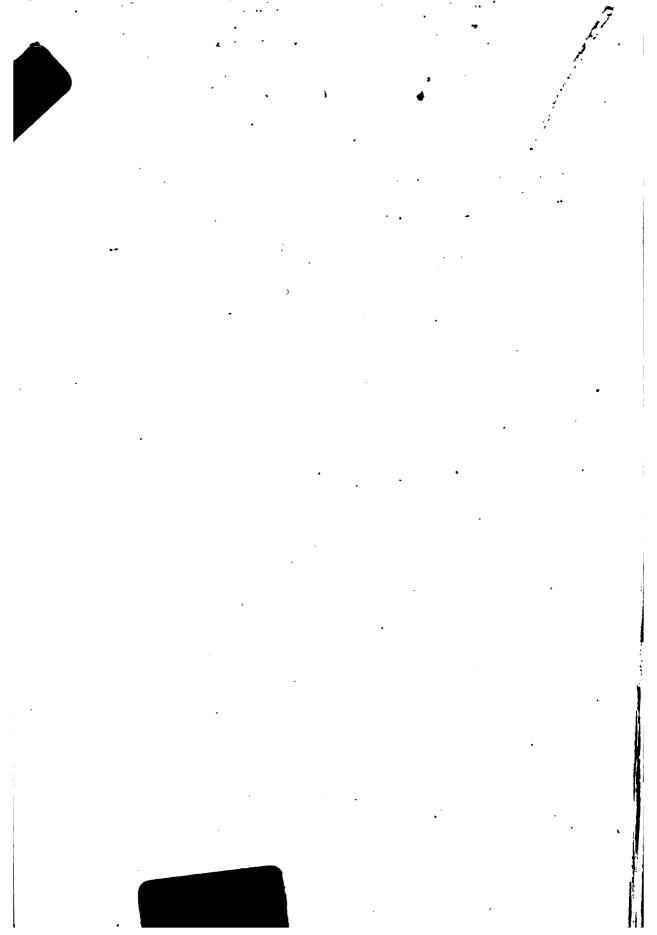
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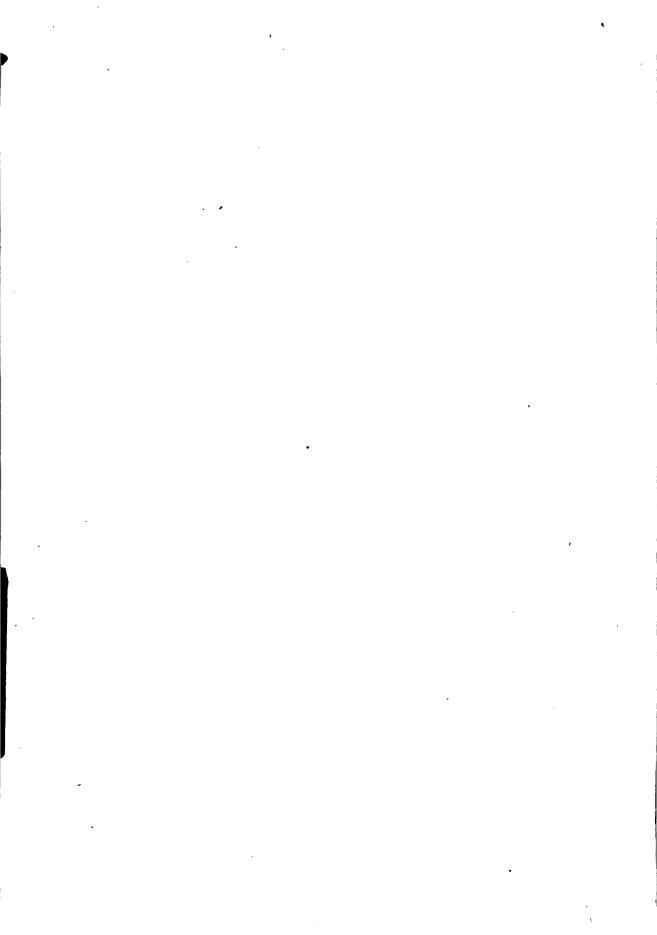
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## LIST OF

# SUBJECT HEADINGS

FOR USE IN

## DICTIONARY CATALOGS

PREPARED BY A COMMITTEE

OF THE

AMERICAN LIBRARY ASSOCIATION

THIRD EDITION
REVISED BY
MARY JOSEPHINE BRIGGS

AMERICAN LIBRARY ASSOCIATION
PUBLISHING BOARD
CHICAGO
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### **PREFACE**

THE history of a list of subject headings for the use of catalogers dates back to the Lakewood conference of the American Library Association, in 1892, when a committee consisting of Mr. Gardner M. Jones, Dr. G. E. Wire and Mr. C. A. Cutter was appointed for the purpose of collating catalogs and compiling from this information a list of subject headings which should represent the most approved usages. At the Chicago conference of the following year the committee reported progress, and the Publishing Section of the American Library Association was instructed to proceed with publication as soon as possible. At the Lake Placid conference, in 1894, the committee reported completion of the work, which was printed the next year. Three years later a second and somewhat revised and enlarged edition was issued and stereotyped, and this edition has been steadily in use by catalogers for the past thirteen years.

The growth and development of libraries, their increased use by the public and the many commercial, scientific and economic changes which have taken place of late, have long since made a new and thorough revision of this List of subject headings advisable. A steady demand for the second edition showed that the book was in very general use in libraries throughout the country. In 1906 the Publishing Board appointed, to take up the matter of a new edition, an advisory committee consisting of Mr. Gardner M. Jones, Miss Harriet B. Prescott, Mr. A. G. S. Josephson, Miss Margaret Mann, Miss Linda M. Clatworthy, Mr. J. C. M. Hanson and Miss Electra C. Doren. Later Miss Alice B. Kroeger and Miss Nina E. Browne were added to the committee. Miss Doren was unable to serve.

Miss Esther Crawford, a cataloger and library worker of much experience, was employed as editor for the new edition, and the work of collecting data and collating and comparing catalogs and catalogers' forms was begun late in 1906. After laboring with great diligence for more than two years and securing a large amount of material, Miss Crawford resigned in July, 1909, and the Board was fortunate in securing the services, in May, 1910, of Miss Mary J. Briggs, cataloger of the Buffalo public library, to carry the work to completion. Besides a trained knowledge of precisely what this bibliographical tool should be, Miss Briggs has brought to bear a most conscientious and painstaking care that only those can fully appreciate who have undertaken a similar task.

This third edition, as it now appears, is the result of co-operation and united effort on the part of many library workers, and it is the hope and belief of the Board that the present work has been so well done that no revision need be undertaken for a number of years to come. For a statement of the special features embodied, and explanation of certain policies followed reference may be made to the editor's introduction.

In the case of such liberal, hearty and wide-spread assistance as the Board and its editors have here received it is difficult to mention personally all those to whom credit is due. Gratitude is sincerely felt toward all who responded to the call of the editor in sending requested information, or who devoted no small time and effort to the work during the personal visits of the editor in charge. The Board feels, however, that particular mention must be made of the courtesy and helpfulness extended by the Library of Congress during an extended study of the catalog by Miss Crawford, by the Newark free public library, which so generously provided working quarters for her for over a year, and by the Buffalo public library, which has similarly furnished accommodations for the past year for Miss Briggs. It trusts that all who have so generously aided in this enterprise may feel abundantly paid by the good service to the library profession which this book now goes forth to render.

### INTRODUCTION

Thas been found necessary to omit much that was comprised in the original plan for the third edition of the List of subject headings, in order that the size of the book might be kept within reasonable limits. The scope has been broadened by the inclusion of some of the more important historical events, including wars but not battles, the chief languages, literatures and ethnic races, and subheads for many of the larger subjects.

Technical and scientific terms, chemical and medicinal substances, animals and plants, virtues and vices, diseases, games, foods and other specific headings are included somewhat more liberally than in the second edition, the aim being to provide a checklist in these subjects for the smaller public libraries.

The following classes of headings are omitted:

- 1. Personal names.
- 2. Geographical names, except for a few regional headings and countries requiring historical subdivisions.
- 3. Names of months, days, processes in arithmetic, parts of speech.

In general, and particularly in the matter of subdivisions, the needs of the moderately large public library, of from 100,000 to 200,000 volumes, have been considered. No attempt has been made to meet the needs of college, technical or special libraries, which must of necessity make finer distinctions and closer subdivisions than would be useful in a popular library.

The catalogs most consulted in the revision are those of the Library of Congress, the John Crerar library, Columbia university library, Nebraska university library, Northwestern university library, and the public libraries of Brooklyn, Buffalo, Chicago, Cleveland, Dayton and Pittsburgh. Among indexes, the Readers' guide to periodical literature and Engineering index may be specially mentioned.

The headings of the second edition have been retained, except for such changes as have seemed desirable in order to conform to present use of terms. The more radical changes have been made in response to what seemed to be a very general demand, expressed by a decided majority of

the answers to questions published in the library periodicals and in personal interviews.

For the sake of uniformity, in choice of new terms the Library of Congress headings have been followed so far as they have seemed adapted to the use of popular libraries, omitting of course many subdivisions and technical terms which would be useful only in special or very large libraries.

In spelling, the simplified forms of the second edition have been retained, and a few others added, but it has not been thought best to advance in this line faster than generally accepted usage will warrant. The plural form is used rather than the singular, except where subjects are generally thought of under the singular. The singular form is used for fruits, in order that the same heading may cover both fruit and tree. The arrangement of compound words has occasioned so much perplexity to both makers and users of catalogs, that the hyphen has been eliminated as far as possible, following the latest available authority, Webster's new international dictionary.

Little has been attempted in the way of definition of headings beyond an occasional explanatory word or phrase. Space could not well be spared for many definitions, and it has been found difficult to frame them so as not to limit the subjects too closely. Therefore, except in a few cases where the meaning is very ambiguous, it has been left for the references to suggest the scope of the heading when not entirely self-explanatory.

As a concession to the very general tendency to look under the form rather than under the language for English dictionaries, grammars, etc., the English language has been made an exception to the regular treatment of languages, and several forms, e.g. dictionaries, grammar and spelling, entered directly under the form. The subheads for other languages are given under German language, and the same can be used for English in libraries where it is preferred that all material regarding that language be kept together.

All form names in American and English literature are included in the list, but of other literatures only those most likely to occur in popular libraries of moderate size. Literature, drama, essays, fiction and poetry are entered under the adjective; other forms under the form followed by the adjective name of nationality, except periodicals and newspapers where name of country is used: e.g. English literature; Humor, English; Periodicals — England. Reference should be made in every case from the country to the language and literature of that country. These references are indicated in the list for American literature and English language and literature only.

The subdivisions formerly printed in the appendices, except those for

cities which follow the introduction, are now included in the main alphabet. Country subheads are given under United States, in order that the many references may be indicated. The Library of Congress Preliminary list of subject subdivisions under countries and cities has been used as a basis, with modifications to adapt it to the needs of popular libraries.

Many subjects formerly subheaded under country are now referred to the subject with country subdivision. It is better as a rule to keep all matter relating to a city together, making double entry under city and subject when needed: e.g. Boston — Education; Education — Massachusetts; or, in a small library, Boston; Education; without subdivision.

The number of subdivisions to be used will, of course, vary with the size and character of the library. The small library will ignore the subheads for the most part, using them only for the largest countries, and for subjects upon which it may chance to possess considerable material. It will be easy to add subheads at any time, should material increase so as to require them. It is advised that a list of subheads used be placed at the beginning of each divided subject, and each subhead should have its own guide.

Since form subheads may be used with any subject having sufficient literature, no attempt has been made to indicate headings requiring such subdivision. At the end of the introduction will be found a list of forms applicable to any such subject. Under United States are given references to most subjects which will require country subdivision in public libraries, and under some of the more important subjects, examples of country subdivision are given, e.g. Education — U. S.

Experience has shown that the average reader generally disregards both logic and punctuation in consulting an alphabetically arranged card catalog. For this reason, all subdivisions, whether form, geographical or logical, and all inversions are arranged in one alphabet, regardless of punctuation, except only the period subdivisions of history, which are arranged chronologically. Since in this work the main entry word is not repeated, the punctuation for subjects subdivided is not indicated in the main alphabet. The dash is advised for all subdivisions, and, if preferred, may be used instead of the comma for inversions, e.g. Bacteriology — Agricultural.

To avoid confusion in checking, the refer from references have been printed in parallel columns at the right of the page. The references have been revised, many new ones added, and some, believed to be unnecessary, have been dropped. See references among the refer froms are indicated by (s). The possibilities of useful references are by no means exhausted in this list. Further references will suggest themselves in cataloging.

The best material on a specific subject is often found in a work upon a larger subject, so general in its nature that it is not advisable to analyze it.

References are therefore made from the specific to the general in cases where most general works can be expected to contain material on the specific subject. Care should be taken not to make a reference of this kind unless justified by the works actually in the library. If the books on arts and crafts contain nothing on mosaics, a reference from Mosaics to Arts and crafts would be useless and misleading. The same principle applies to other references, which should not be made in any case unless the book cataloged is of interest in connection with the subject from which reference is made. If the books entered under Cemeteries are descriptive only, no reference from Eminent domain to Cemeteries is required.

It will of course be understood that where the reference is simply "see" no subject entries are to be made under the heading referred from. Only those headings printed in bold-faced type are intended to be used for subject entries.

In many cases references are indicated to or from geographical headings, or subjects with geographical subdivision, which do not appear in the main alphabet. These are only suggestive of the possibilities for this kind of reference. References should be made from periods of history, arts, sciences and other subjects to names of people whose lives are of interest in connection with the subject.

Long lists of references to specific subjects may be avoided in some cases by general references, as for instance under Industrial arts and under Manufactures "See also names of industries"; but if there are few specific entries it is better to enumerate them, that the reader may see at a glance where further material may be found. Another method of shortening the lists of references is to refer from the most general to the next less inclusive heading, and from the latter to the next lower: e.g. Zoology see also Vertebrates; Vertebrates see also Mammals; Mammals see also Carnivora; and so on to the specific animal. As zoological families and genera are not included in this list, references have been made from orders to specific animals.

The references in a card catalog are more easily read if arranged in columns rather than in a solid paragraph, with two or three columns on a card according to the length of the headings.

The cataloger is advised to check headings and references as used and to add new headings required. If he wishes to use a different form of heading, it will be necessary to make the change wherever the heading occurs in the list, otherwise discrepancies will creep into the catalog.

The aim has been to choose such headings as shall make the catalog a useful tool in enabling the reader to find as quickly as possible the book he desires. To attain this end, consistency has sometimes been sacrificed to utility.

MARY JOSEPHINE BRIGGS.

## SUBHEADS TO BE USED UNDER CITIES

Elections

Amusements Annexations Antiquities Architecture Arsenals Art Asylums see Hospitals and asylums Atlases see Description — Maps Banks Benevolent institutions Charities; Hospitals and asvlums Bibliography Biography Boundaries Bridges Business Business associations Carnivals see Festivals, etc. Cemeteries Census Centennial celebrations, etc. Charities Churches City hall Claims Climate Clubs Commerce see Business Commercial institutions Business associations Conventions and public meetings Courts Crime and criminals Customhouse Description Guidebooks Maps Views Directories Ecclesiastical institutions see Churches; Religious institutions and affairs Education

**Epidemics** Exhibitions Fairs Ferries Festivals, etc. Finance Financial institutions Banks; Business associations Fine arts see Art Fires and fire prevention Foreign population Fortifications Galleries and museums Genealogy Geology Gilds Government and politics Guidebooks see Description -Guidebooks Harbor Historic houses, etc. History Hospitals and asylums Hotels, taverns, etc. Industries Intellectual life Labor and laboring classes Learned institutions and societies Libraries Lighting Literary institutions see Learned institutions and societies Literature Manners lanners and customs *see* Social life and customs-Manufactures see Industries Maps see Description - Maps Markets Monuments Moral conditions Morgues Museums see Galleries and museums Music

Musical organizations Name Parks Paving see Streets Police Politics see Government and politics Poor **Population** Post-office Prisons and reformatories Public buildings Public lands Public meetings see Conventions and public meetings Public schools see Education Public works Railroads Reformatories see Prisons and reformatories Registers Religious history institutions Religious and affairs Riots Sanitary affairs Schools see Education Scientific institutions see Learned institutions and societies Sewerage Social conditions Social life and customs Statistics Street railroads Streets Suburbs Taxation Theaters Topography see Description Views see Description — Views Vital statistics see Statistics Voters Voting precincts Wards

#### FORM SUBHEADS

Bibliography
Biography
Collected works
Collections
Dictionaries
Drama [about]

Essays, addresses, etc. Fiction [about] Handbooks History Outlines, syllabi, etc. Periodicals and society publications
Poetry [about]
Statistics
Study and teaching

Water supply

Wharves

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### LIST OF SUBJECT HEADINGS

#### FOR USE IN

### DICTIONARY CATALOGS

Abandoned farms see Farms, Abandoned Abattoirs see Slaughtering and slaughterhouses Abbevs

Abbeys

See also Cathedrals; Convents and nunneries; Monasteries; also names of abbeys,
e.g. Westminster abbey

Abbreviations

See also Ciphers; Shorthand

Abdomen

See also Anatomy; Intestines; Kidneys; Liver; Stomach; Viscera

Aberration

See also Astronomy, Spherical and practical; Lenses; Light; Mirrors; Optical instruments

---Mental, see Insanity

Ability

See also Efficiency, Industrial; Executive ability; Genius; Leadership; Talent Abiogenesis see Spontaneous generation Abnormal children see Children, Abnormal and backward Abnormal psychology see Mental diseases

Abolition of slavery see Abolitionists; Slavery; Slavery in the U. S.

**Abolitionists** 

See also Slavery in the U. S.

Aborigines see Ethnology; also names of aboriginal races, e.g. Indians Abrasion (geology) see Erosion

See also Corundum; Geology, Economic; Grinding and polishing

**Abscess** 

Abrasives

See also Suppuration
Absent treatment see Christian science; Mental healing

Absenteeism

See also Land tenure; Land tenure — Ireland

Absolute, The

See also Metaphysics

Absolute rights see Natural law

Refer from Catholic church; Church architecture; Church history; Convents and nunneries; Monasteries

Refer from Ciphers; Contractions (s); Paleography; Shorthand; Writing

Refer from Anatomy; Viscera

Refer from Astronomy; Astronomy, Spherical and practical; Light

Refer from Efficiency, Industrial; Executive ability; Genius; Psychology; Talent

Refer from Abolition of slavery (s); Biography; Slavery in the U. S.

Refer from Corundum; Geology, Economic; Grinding and polishing; Machine tools; Mineralogy

Refer from Pathology; Suppuration

Refer from Agriculture — Ireland; Ireland — Economic conditions; Land tenure; Land tenure — Ireland; Landlord and tenant; Taxation

Refer from God; Metaphysics; Theology

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#### Absolution

See also Confession; Indulgences; Penance

Absolutism see Despotism Absorption (physiology)

See also Digestion; Metabolism; Osmosis;

Absorption in soils see Soil absorption

Absorption of light

See also Light Absorption spectra see Spectra
Abstinence see Fasting; Temperance
Abstract writing see Précis writing Abstracts of title see Land titles Academic costume see Costume, Academic Academic degrees see Degrees, Academic Academies (learned societies) see Learned societies

Academies (schools)

See also Education, Secondary; Private schools

#### Acadians

See also Nova Scotia

Accent

See also Prosody; also names of languages, subhead Accents Accidence see Grammar

Accident insurance see Insurance, Accident

See also Ambulances; Boiler explosions; Burns and scalds; Collisions at sea; Damages; Disasters; Drowning; Employers' liability; Explosions; First aid in illness and injury; Insurance, Accident; Life-saving; Lightning; Mine accidents; Occupations, Dangerous; Poisons; Railroads — Accidents; Safety devices; Shipwrecks; Surgery; Wounds

Acclimatization

See also Anthropogeography; Climate; Ecology; Environment; Tropics

Acclimatization (plants)

See also Ecology; Plant introduction

Accompaniment, Musical, see Musical accompaniment

Accounting

See also Arithmetic, Commercial; Auditing; Bookkeeping; Business; Card system in business; Cash registers; Cost accounting; Municipal accounts

Accumulators reastorage battered. Acephala see Bivalves

Acetylene

#### Acids

See also Chemistry; also names of acids

Refer from Catholic church; Church disci-pline; Church polity; Confession; Indulgences; Penance; Sin

Refer from Assimilation (s); Digestion; Metabolism; Nutrition; Osmosis; Physiological chemistry; Physiology

Refer from Light

Refer from Education, Secondary; Preparatory schools (s); Private schools; Schools; Secondary schools (s)

Refer from French-Canadians; Nova Scotia

Refer from Language; Prosody

Refer from Disasters; Drowning; Emergencies (s); Employers' liability; First aid in illness and injury; Injuries (s); Life-saving; Medicine; Occupations, Dangerous; Surgery

Refer from Adaption (biology); Anthropogeography; Biology; Climate; Écology; Environment; Tropics; Tropics — Diseases and hygiene

Refer from Agriculture; Ecology; Gardening; Geographical distribution of animals and plants; Plant introduction; Plants - Acclimatization (s)

Refer from Arithmetic, Commercial; Auditing; Bookkeeping; Business; Business education; Card system in business; Commerce; Cost accounting; Municipal accounts; Scientific management

Refer from Chemistry, Technical; Gas; Gas lighting; Gases; Lighting

Refer from Chemistry

Acknowledgments

See also Deeds; Evidence

Acoustics see Acoustics of buildings; Hearing; Sound

Acoustics of buildings

See also Architecture

#### Acrobats

See also Gymnastics

#### Acrostics

See also Puzzles

Acting

See also Actors; Amateur theatricals; Drama; Expression; Gesture; Make-up, Theatrical; Pageants; Pantomime; Theater; Vaudeville

-Study and teaching

Actinotherapy see Radiotherapy

Actions at law

See also Costs; Equity; Evidence; Forms (in law); Injunctions; Limitations (law); Pleading and practice; Trials

Actors

See also Acting; Make-up, Theatrical; Theater; Vaudeville

Actresses see Actors

Adages see Maxims; Proverbs

Adaptation (biology)

See also Acclimatization; Ecology; Environment; Evolution Addresses see Orations

Adhesives

See also Cement; Glue; Paste; Wax

Administration see Administrators and executors; Civil service; Government; also names of countries and states, subhead Government

Administrators and executors

See also Probate law and practice;

#### **Admirals**

See also Naval biography

Admiralty

See also Collisions at sea; Commercial law; Demurrage; Maritime law; Salvage Adolescence see Youth

Adoption

See also Guardians

Adulterations

See also Chemistry — Analysis; Chemistry, Technical; Drugs; Food adulteration and inspection; Liquors; Seeds — Adulteration and inspection

Adultery

See also Sexual ethics

See also Christian year; Christmas; Second advent

Refer from Deeds; Law; Notaries

Refer from Acoustics (s); Architectural acoustics (s); Architecture; Building; Sound

Refer from Circus; Gymnastics; Sports; Tumbling (s)

Refer from Puzzles

Refer from Actors; Amateur theatricals; Amusements; Drama; Dramatic art (s); Dramatic expression (s); Elocution; Histrionics (s); Impersonation (s); Make-up, Theatrical; Stage (s); Theater
Refer from Dramatic education (s)

Refer from Equity; Forms (in law); Law; Lawsuits (s); Pleading and practice; Procedure (s); Suits at law (s); Trials

Refer from Acting; Actresses (s); Biography; Comedians (s); Drama; Players (s); Theater

Refer from Biology; Ecology; Environment; Evolution

Refer from Agglutinants (8); Cement; Glue; Paste

Refer from Administration (s); Appraising; Commercial law; Executors (s); Guardians; Inheritance; Law; Powers (law); Probate law and practice; Property; Trustees; Wills

Refer from Naval biography; Naval history

Refer from Collisions at sea; Commercial law; Courts; Law; Maritime law

Refer from Children; Foundlings; Guardians; Law; Orphans and orphan asylums

Refer from Chemistry — Analysis; Chemistry, Technical; Crime and criminals; Drugs; Food adulteration and inspection; Hygiene, Public; Liquors; Sanitary chemistry

Refer from Crime and criminals; Marriage; Sexual ethics

Refer from Christian year; Fasts and feasts

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is see Second adventists me also Castaways; Discoveries and rations; Escapes; Explorers; Frontier proneer life; Heroes; Hunting; Sealife; Shipwrecks; Sports; Treasure-Refer from Escapes; Heroes; Voyages and travels 2. Voyages and travels tarers see Imposture respossession see Possession (in law) miry see Affliction; Misfortune hising e also Billposting; Business; Library Fins; Mail order business; Posters; Enting; Publicity; Salesmanship; Show Refer from Billposting; Business; Commerce; Mail order business; Newspapers; Periodicals; Publicity; Salesmanship k; Sign painting; Signs; Street cries; B. w dressing I navigation see Aeronautics Refer from Aeronautics; Aeroplanes; Air propellers (s); Propellers Refer from Railroads; Railroads, Aerial (s) **I** propellers il railroads ui warfare see Aeronautics, Military mr. mes see Aeroplanes; Flying machines mynamics S' - also Air; Flight Refer from Aeronautics; Air; Dynamics; Flight; Gases m := see Meteorites a. zy see Meteorology mautic motors See also Aeronautics; Aeroplanes Refer from Aeronautics; Aeroplanes; Flying machines; Motors mentics Refer from Aerial navigation (s); Aeronautic motors; Aeroplanes; Air; Airships; Aviation (s); Balloons; Engineering; Flight; Flying machines; Locomotion; Mechanics; Navi-. - also Aerial propellers; Aerodynamics; ுரு autic motors; Aeronauts; Aeroplanes; iips; Balloons; Flight; Flying machines; \_\_\_s; Speed gation; Sports; Transportation
Refer from Aerial warfare (s); Military
aeronautics (s); Military art and science -Hilitary Refer from Aeronautics; Aviators (s); Balloonists (s); Biography - Comments mpianes Refer from Aerodromes (s); Aeronautic motors; Aeronautics; Airships; Biplanes (s); Flying machines; Gliders (s); Monoplanes (s) e also Aerial propellers; Aeronautic zuturs; Aeronautics; Flying machines rietics see Esthetics er see Ether vion see Friendship; Kindness; Love Refer from Evidence; Forms (in law); Edgyids. Law; Notaries Entry. Chemical, see Chemical affinity inches. See also Consolation; Misfortune; Resig-Refer from Adversity (s); Ethics; Misfortune; Suffering; Trouble (s) :\_\*. ~a -station see Forest planting an colonization see Africa - Colonization See also Coptic language; Refer from Coptic language; Egyptian language; Hamitic languages; Language Egyptian \_ngrage; Hamitic languages - an slave trade see Slave trade mer speeches Refer from Dinners and dining; Orations; See also Anecdotes; Toasts Speeches (s); Toasts See also Age limit of employment; See th; Longevity; Old age; Youth Refer from Old age Refer from Age; Efficiency, Industrial;

Labor and laboring classes; Old age

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Adventists see Second adventists

Adventure

See also Castaways; Discoveries and explorations; Escapes; Explorers; Frontier and pioneer life; Heroes; Hunting; Seafaring life; Shipwrecks; Sports; Treasuretrove; Voyages and travels

Adventurers see Imposture

Adverse possession see Possession (in law)

Adversity see Affliction; Misfortune

Advertising

See also Billposting; Business; Library
bulletins; Mail order business; Posters;
Promoting; Publicity; Salesmanship; Show
cards; Sign painting; Signs; Street cries;
Window dressing

Aerial navigation see Aeronautics

Aerial propellers

Aerial railroads

Aerial warfare see Aeronautics, Military Aerodromes see Aeroplanes; Flying machines Aerodynamics

See also Air; Flight Aerolites see Meteorites Aerology see Meteorology Aeronautic motors

See also Aeronautics; Aeroplanes

Aeronautics

See also Aerial propellers; Aerodynamics; Aeronautic motors; Aeronauts; Aeroplanes; Airships; Balloons; Flight; Flying machines; Kites; Speed

#### ----Military

#### Aeronauts

Aeroplanes

See also Aerial propellers; Aeronautic motors; Aeronautics; Flying machines

Aesthetics see Esthetics Aether see Ether Affection see Friendship; Kindness; Love Affidavits

Affinity, Chemical, see Chemical affinity Affliction

See also Consolation; Misfortune; Resignation

To restation see Forest planting

Afforestation see Forest planting African colonization see Africa — Colonization

African languages

See also Coptic language; Egyptian

See also Coptic language; Egyptian language; Hamitic languages
African slave trade see Slave trade
After-dinner speeches

See also Anecdotes; Toasts

Age

See also Age limit of employment; Growth; Longevity; Old age; Youth Age limit of employment Refer from Escapes; Heroes; Voyages and travels

Refer from Billposting; Business; Commerce; Mail order business; Newspapers; Periodicals; Publicity; Salesmanship

Refer from Aeronautics; Aeroplanes; Air propellers (s); Propellers Refer from Railroads; Railroads, Aerial (s)

Refer from Aeronautics; Air; Dynamics; Flight; Gases

Refer from Aeronautics; Aeroplanes; Flying machines; Motors

Refer from Aerial navigation (s); Aeronautic motors; Aeroplanes; Air; Airships; Aviation (s); Balloons; Engineering; Flight; Flying machines; Locomotion; Mechanics; Navigation; Sports; Transportation Refer from Aerial warfare (s); Military

Refer from Aerial warfare (s); Military aeronautics (s); Military art and science Refer from Aeronautics; Aviators (s);

Balloonists (s); Biography

Refer from Aerodromes (s); Aeronautic motors; Aeronautics; Airships; Biplanes (s); Flying machines; Gliders (s); Monoplanes (s)

Refer from Evidence; Forms (in law); Law; Notaries

Refer from Adversity (s); Ethics; Misfortune; Suffering; Trouble (s)

Refer from Coptic language; Egyptian language; Hamitic languages; Language

Refer from Dinners and dining; Orations; Speeches (s); Toasts

Refer from Old age

Refer from Age; Efficiency, Industrial; Labor and laboring classes; Old age

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Organisa (let uno Captionien ing La characte Aged see Longevity; Old age Aged poor see Homes for the aged; Old age; Old age pensions; Poor

Agency

Sce also Bailments; Brokers and factors; Commercial law; Contracts; Damages; Employers' liability; Employment agencies; Negligence; Powers (law); Receivers

Agents see Agency; Brokers and factors; Commercial travelers Agglutinants see Adhesives

Agincourt, Battle of

See also England — History — Lancaster and York; France — History — House of Valois; Hundred years' war

Agnosticism See also Atheism; Positivism; Rationalism; Skepticism

Agreements see Contracts Agricultural bacteriology see Bacteriology, Agricultural Agricultural banks see Agricultural credit; Banks and banking; Land banks

Agricultural botany see Botany, Economic

Agricultural chemistry

See also Ammonia; Fertilizers and man-ures; Nitrification; Phosphates; Plants — Chemistry and nutrition; Plants, Effect of chemicals on; Soils Agricultural colleges

See also Agriculture - Study and teaching

Agricultural colonies see Farm colonies Agricultural credit

See also Land banks

Agricultural education Agricultural col-leges, Agricultura Study and teaching Agricultural exhibitions

Agricultural experiment stations See also Agricultural experimentation; Agriculture — Demonstration work; also special stations

Agricultural experimentation

See also Agricultural experiment stations; Agriculture - Demonstration work

Agricultural implements see Farm implements and machinery

Agricultural laborers see Farm labor

Agricultural laws

See also Corn laws

Agricultural machinery see Farm implements and machinery

Agricultural pests

See also Birds, Useful and injurious; Cotton — Diseases and pests; Fruit — Diseases and pests; Fungi; Insects, Injurious and beneficial; Rabbits; Tobacco — Diseases eases and pests; Trees — Diseases and pests; Weeds Refer from Agents (s); Attorneys (s); Bailments; Brokers and factors; Commercial law; Contracts; Law; Negligence; Partnership; Power of attorney (s); Powers (law); Principal and agent (s)

Refer from England — History — Lancaster and York; France — History — House of Valois; Hundred years' war

Refer from Atheism; Belief; Faith; Free thought; God; Naturalism; Philosophy; Philosophy, Modern; Secularism; Skepticism; Theology

Refer from Chemistry; Chemistry, Agricultural (s); Chemistry, Dairy (s); Dairy chemistry (s); Fertilizers and manures; Soils

Refer from Agriculture - Study and teaching; Agricultural education (s); Colleges and universities

Refer from Agricultural banks (s); Banks and banking; Credit; Crédit foncier (s); Land banks; Land credit (s)

Refer from Exhibitions; Fairs; State fairs (s)

Refer from Agricultural experimentation; Agriculture — Demonstration work; Experiment stations (s)

Refer from Agricultural experiment stations; Agriculture — Demonstration work; Experiments (s)

Refer from Farm laws (s); Law

Refer from Gardening; Insects, Injurious and beneficial; Pests (s)

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Agricultural physics

See also Drainage; Farm buildings; Farm motors; Soil absorption; Soil moisture; Soils; Tillage

Agricultural products

See also Botany, Economic; Cocoa; Coffee; Commercial products; Cotton; Crops; Dairy products; Essences and essential oils; Fibers; Forest products; Fruit; Ginseng; Grain; Hay; Indigo; Liquors; Marketing of farm produce; Opium; Rice; Root crops; Rubber; Spices; Sugar; Teá; Tobacco; Vegetables

Agricultural societies

See also Farmers' institutes; Grange Agricultural tools see Farm implements and machinery

See also Acclimatization (plants); Bacteriology, Agricultural; Bees; Birds, Useful and injurious; Botany, Economic; Clearing of land; Cooperative agriculture; Corn laws; Cover crops; Crops; Dairying; Domestic animals, and names of animals; Drainage; Dry Afarming; Electricity on the farm; Ensilage; Farm buildings; Farm colonies; Farm implements and machinery; Farm labor; Farm life; Farm management; Farm values; Farmers; Farmers' institutes; Farms; Feeding and feeding stuffs; Fertilizers and manures; Floriculture; Forage plants; Forests and forestry; Frost protection; Fruit culture; Gardening; Greenhouses; Insects, Injurious and beneficial; Irrigation; Land; Land tenure; Live stock; Market gardening; Marketing of farm produce; Pastures and meadows; Peasantry; Plant breeding; Plants; Reclamation of land; Rotation of crops; Seeds Selection and testing; Soil fertility; Soil inoculation; Soil surveys; Soilse Threshing; Tillage; Trees; also headings beginning Agricultural, and names of special products

-Demonstration work See also Agricultural experiment stations; Agricultural experimentation

#### -Statistics

Study and teaching

See also Agricultural colleges; Agriculture — Demonstration work; schools; Forestry schools and education -Tropics

See also Cocoa; Coffee; Cotton; Opium; Rice; Rubber; Spices; Sugar; Tea; Tobacco

-U. S.

Agronomy see Agriculture Agrostology see Grasses Ague see Malaria. Ainos

See also Ethnology. - Japan

Refer from Drainage; Physics; Soil moisture; Soils; Tillage

Refer from Botany, Economic; Commercial products; Crops; Farm products (s); Products, Agricultural (s)

Refer from Farmers; Societies

Refer from Agronomy (s); Crops; Farmers; Farming (s); Farms; Fruit culture; Gardening; Husbandry (s); Industrial arts; Land; Market gardening; Marketing of farm produce; Planting (s); Plants; Rotation of crops; Rural economy (s); Soils; Tillage

Refer from Agricultural experiment stations; Agricultural experimentation; Agriculture -Study and teaching; Demonstration work in agriculture (8)

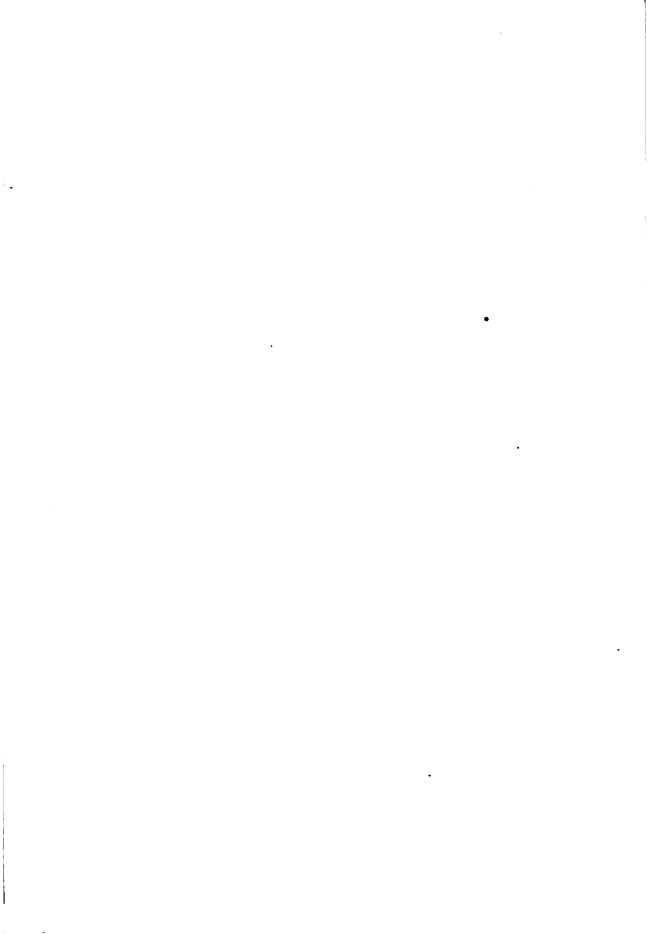
Refer from Crop reports (s); Crops; Food supply

Refer from Agricultural colleges; Agricultural education (s)

Refer from Tropical agriculture (s); Tropics

Refer from U. S. - Agriculture (s); U. S. -Industries and resources

Refer from Ainu (s); Ethnology — Japan; Japan



## Ainu see Ainos

See also Aerodynamics; Aeronautics; Argon; Atmospheric electricity; Atmospheric nucleation; Barometer; Compressed air; Humidity; Hygrometry; Ionization of gases; Liquid air; Meteorology; Ozone; Ventilation—Liquid, see Liquid air

Air brakes

See also Brakes; Safety devices

Air compressors

See also Air pumps; Compressed air

Air engines

See also Compressed air

Air passages see Respiratory organs

Air pollution

See also Dust; Smoke; Ventilation

Air propellers see Aerial propellers Air pumps

See also Air compressors

Air-ships see Airships

**Airships** 

See also Aeronautics; Aeroplanes; Balloons

#### Alabama claims

Aladdin oven Albigenses

See also France — Religious history;

Waldenses

Albinos and albinism

See also Color of man

Alchemy

See also Chemistry — History; Elixir of life; Occult sciences; Philosopher's stone

#### Alcohol

See also Alcoholism; Brandy; Chemistry, Organic; Distillation; Liquor problem; Liquor traffic; Liquors, and names of liquors; Temperance

-Denatured

See also Alcohol motors

——Physiological effects
Alcohol engines see Alcohol motors
Alcohol motors

#### **Alcoholism**

See also Alcohol — Physiological effects; Gold cure; Inebriate asylums; Liquor problem; Temperance Refer from Aerodynamics; Atmosphere (s); Chemistry; Ether (of space); Gases; Meteorology; Physics; Pneumatics (s)

Refer from Brakes; Cars; Railroads; Railroads — Equipment and supplies; Safety devices

Refer from Air pumps; Compressed air

Refer from Caloric engines (s); Engines; Heat engines; Hot-air engines (s)

Refer from Hygiene; Sanitary chemistry; Ventilation

Refer from Air compressors; Pneumatic pumps (s); Pumps

Refer from Aeronautics; Air-ships (s); Balloons; Balloons, Dirigible (s); Dirigible balloons (s)

Refer from Claims; Geneva award (s); Neutrality; Privateering; U. S. — History — Civil war — Foreign relations; U. S. — Foreign relations — England

Refer from Cookery; Stoves

Refer from Church history — Middle ages; France — Religious history; Persecution; Waldenses

Refer from Color of animals; Color of man; Leucopathy (s)

Refer from Chemistry; Chemistry — History; Elixir of life; Gold; Hermetic art (s); Metals; Occult sciences; Philosopher's stone; Superstition; Transmutation of metals (s)

Refer from Chemistry, Organic; Distillation; Intoxicants (s); Liquors; Stimulants; Temperance

Refer from Chemistry, Technical; Denatured alcohol (s); Industrial alcohol (s); Liquid fuel

Refer from Alcoholism; Hygiene; Temperance

Refer from Alcohol, Denatured; Alcohol engines (s); Gas and oil engines; Motors

Refer from Alcohol; Crime and criminals; Dipsomania (s); Drunkenness (s); Inebriates (s); Intemperance (s); Intoxication (s); Liquor habit (s); Liquor problem; Medicine— Practice; Temperance

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Alcoran see Koran

Ale

See also Beer; Brewing; Liquors; Malt

See also Feeding and feeding stuffs; Forage plants

Algae

See also Cryptogams; Aquatic plants

Algebra

See also Calculus; Determinants; Equations; Functions; Groups, Theory of; Logarithms; Mathematics; Numbers; Probabilities; Quaternions; Vector analysis Algonkian period see Geology, Stratigraphic—Algonkian

**Algonquian Indians** 

See also Blackfoot Indians; Delaware Indians; Narragansett Indians

Algonquian languages

See also Indians - Languages

Alhambra

See also Granada

Alien and sedition laws, 1798

See also Kentucky and Virginia resolutions, 1798; U. S. — History — 1783-1812

Aliens

See also Allegiance; Citizenship; Expatriation; Naturalization; also Chinese in the U. S., and similar headings

Alimentary canal see Digestive system Alkali lands

Alkalies

See also Ammonia; Chemistry, Inorganic

**Alkaloids** 

See also Chemistry, Organic; Morphine; Ptomaines Alkoran see Koran All fools' day see April fools' day

All hallow eve see Halloween

Allegiance

See also Aliens; Citizenship; Naturalization

Allegories

See also Fables; Parables

Allegory

See also Allegories; Rhetoric Alliance, Holy, see Holy alliance Triple, see Triple alliance

Alliteration

See also Rhetoric; Versification

Allopathy [for polemical treatises only]

Refer from Beer; Brewing; Liquors

Refer from Feeding and feeding stuffs; Fertilizers and manures; Forage plants; Hay; Lucerne (plant) (s)

Refer from Aquatic plants; Cryptogams; Marine biology; Marine botany (s); Marine flora (s); Marine plants (s); Mosses; Ocean; Sea mosses (s); Seashore; Seaweeds (s)

Refer from Analysis (mathematics) (s); Calculus; Determinants; Equations; Groups, Theory of; Mathematics; Quaternions

Refer from Algonkian Indians (s); Blackfoot Indians; Delaware Indians; Indians; Narragansett Indians

Refer from Indians - Languages

Refer from Architecture, Mohammedan; Granada; Palaces

Refer from Immigration and emigration — U. S.; Naturalization; Sedition act, 1798 (s); U. S. — Constitution; U. S. — History — 1783-1812

Refer from Allegiance; Asylum, Right of; Citizenship; Expatriation; Foreigners (s); Immigration and emigration; International law; Law; Naturalization

Refer from Irrigation; Reclamation of land; Soils

Refer from Ammonia; Chemistry; Chemistry, Inorganic

Refer from Chemistry, Organic; Nitrogen; Poisons

Refer from Aliens; Citizenship; International law; Law; Treason

Refer from Allegory; Fables; Fiction; Literature; Parables; Religion

Refer from Rhetoric

Refer from Language; Poetry; Rhetoric; Versification Refer from Medicine

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Alloys

See also Amalgamation; Amalgams; Brass; Bronze; Metallography; Metallurgy; Pewter; Solder and soldering

Allusions Alluvium

See also Geology; Physical geography Almanacs

See also Calendars; Chronology; Nautical almanacs; Yearbooks

Almsgiving see Charity; Poor

Almshouses

See also Asylums; Charities; Poor

Alphabet

See also Cunciform writing; Hieroglyphics; Inscriptions; Lettering; Paleography; Printing; Runes; Transliteration; Writing

Alphabeting

See also Cataloging Alphabets see Alphabet; Lettering Alpine clubs

See also Geographical societies; Mountaineering

Alpine plants

Altaic languages see Ural-Altaic languages Altars

See also Church furniture; Lord's supper; Mass; Sacrifice

Alternating current machinery see Electric machinery — Alternating current Alternating currents see Electric currents,

Alternating **Altitudes** 

See also Sea level; also names of countries, subhead Altitudes

Al'ruism

See also Egoism; Ethics

Aluminium

See also Metals Aluminum see Aluminium

Amalgamation

See also Alloys; Amalgams; Mercury Amalgams

See also Alloys; Mercury

Amateur journalism

See also Students' periodicals

Amateur theatricals

See also Acting; Charades; College plays; Dialogues; Make-up, Theatrical; Mono-logues; Pantomime; Shadow pantomimes; Tableaux

Amazons

See also Mythology, Classical

Ambassadors

Diplomacy; Diplomatic and consular service; Diplomats; Exterritoriality

Refer from Amalgamation; Amalgams; Brass; Bronze; Metallography; Metallurgy; Metals; Pewter; Solder and soldering Refer from Literature; Reference books

Refer from Geology; Physical geography; Soils

Refer from Annuals; Astronomy; Calendars; Chronology; Days; Registers; Statistics; Time; Yearbooks

Refer from Asylums; Charities; Homes (institutions) (s); Institutions, Charitable and philanthropic (s); Poor; Poorhouses (s); Workhouses (charities) (s)

Refer from Alphabets (s); English language Alphabet (s); Hieroglyphics; Inscriptions; Language; Letters of the alphabet (s); Pale-ography; Phonetics; Writing

Refer from Cataloging

Refer from Alps; Geographical societies; Mountaineering; Mountains Refer from Botany; Mountains; Plants

Refer from Church furniture; Sacrifice

Refer from Elevations (s); Heights (s); Hypsometry (s); Physical geography; Sea level; Surveying

Refer from Benevolence (s); Charity; Conduct of life; Egoism; Ethics; Philanthropy; Sociology

Refer from Aluminum (s); Metals

Refer from Alloys; Metallurgy

Refer from Alloys; Amalgamation; Mercury; Metals

Refer from Journalism; Students' periodicals

Refer from Acting; Amusements; Charades; Drama; Drawing-room plays (s); Entertainments; Pantomime; Plays (s); Private theatricals (s); Tableaux; Theater; Theatricals, Amateur (s)

Refer from Mythology, Classical; Women

Refer from Diplomacy; Diplomatic and consular service; Diplomats; Exterritoriality; International relations; Ministers of state

Viziti Finance in chair

**Ambidexterity** 

See also Hand; Left- and right-handedness Ambition

Ambulance drill see First aid in illness and injury

**Ambulances** 

See also First aid in illness and injury

Amendments (parliamentary practice)
See also Parliamentary practice

#### America - Discovery and exploration

## ----Discovery and exploration — Pre-Columbian

See also Northmen

American aborigines see Indians

American art see Art, American

American authors see Authors, American

American authors see Ballads, American

American colonial history see U. S.—History

—Colonial period

American drama

See also American literature; Dramatists, American; English drama; Theater—U. S.

American essays

See also American literature; English essays

American fiction

See also American literature; English fiction American humor see Humor, American American Indians see Indians

American letters see Letters, American

See also American drama; American essays; American fiction; American poetry; Authors, American; Ballads, American; Canadian literature; English literature; German-American literature; Humor, American; Letters, American; Newspapers — U. S.; Orations, American; Parodies; Periodicals — U. S.; Satire, American; Sonnets, American

----Indiana -----New England

See also Boston — Literature American loyalists see Loyalists, American American newspapers see Newspapers — U. S. American orations see Orations, American American party see Know-nothing party American periodicals see Periodicals — U. S.

American poetry

See also American drama; American literature; Ballads, American; Canadian poetry; English poetry; Poets, American; Songs, American; Sonnets, American American revolution see U. S. — History — Revolution

American satire see Satire, American American songs see Ballads, American; Songs, American

American sonnets see Sonnets, American American wit and humor see Humor, American Refer from Hand; Left- and right-handedness Refer from Conduct of life; Success

Refer from Accidents; Carriages; Hospitals; Surgery, Military; Vehicles

Refer from Constitutional law; Parliamentary practice
Refer from U. S.— Discovery and exploration (s); U. S.— History — Colonial period

Refer from Northmen

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Refer from American literature; American poetry; Drama; Dramatists, American; English drama; Theater — U.S.; U.S. — Drama(s)

Refer from American literature; English essays; Essays

Refer from American literature; English fiction; Fiction

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Refer from American drama; American essays; American fiction; American poetry; Authors, American; English literature; Humor, American; Literature; Satire, American; U. S. — Literature (s)

Refer from Indiana - Literature (s)

Refer from New England — Literature (s)

Refer from American literature; Ballads, American; English poetry; Poetry; Poets, American; Sonnets, American; U. S.— Poetry (s)

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Americana see subhead Bibliography under America and under names of parts of the continent, regions, countries and places Americanisms

Americans in Europe America's cup

See also Yachts and yachting

Amerinds see Indians
Amish Mennonites see Mennonites
Ammonia

See also Alkalies

Ammunition

See also Firearms; Gunpowder; Ordnance; Projectiles

Amphibia

See also Frogs; Toads; Vertebrates

**Amphitheaters** 

See also Architecture; Gladiators Amphorae see Vases Amputation

See also Surgery

**Amulets** 

See also Charms; Scarabs

Amusement parks Amusements

Sce also Acting; Amateur theatricals; Amusement parks; Athletics; Balls (parties); Camping; Cards; Charades; Circus; Coaches and coaching; Concerts; Conjuring; Dancing; Drills and marches; Entertainments; Fairs; Fencing; Festivals; Fortune telling; Games; Kites; Masquerades; Mathematical recreations; Minstrel shows; Moving pictures; Opera; Pageants; Palmistry; Pantomime; Picnics; Play; Playgrounds; Puppet plays; Puzzles; Riddles; School excursions; Scientific recreations; Soap bubbles; Sports; String figures; Tableaux; Theater; Toys; Vaudeville; Ventriloquism; also names of cities, subhead Amusements

Ana see Anecdotes

Anabaptists

See also Baptists; Mennonites; Peasants' war

Anabolism see Metabolism Anaesthesia see Anesthetics

Anagrams Analogy

Analysis (chemistry) see Assaying; Blowpipe; Chemistry — Analysis; also names of substances analyzed

Analysis (mathematics) see Algebra; Calculus; Functions

Analysis, Spectrum, see Spectrum analysis
Analysis of food see Food—Analysis; Food
adulteration and inspection

Refer from English language; English language — Dialects; Idioms, English; Slang

Refer from Cup races (s); Yachts and yachting

Refer from Agricultural chemistry; Alkalies; Chemistry, Inorganic; Chemistry, Technical; Fertilizers and manures

Refer from Explosives; Firearms; Gunnery; Gunpowder; Guns; Military art and science; Ordnance; Projectiles

Refer from Batrachia (s); Frogs; Reptiles; Toads; Vertebrates

Refer from Architecture

Refer from Surgery

Refer from Archaeology; Charms; Demonology; Superstition; Talismans (s); Witchcraft

Refer from Amusements; Parks

Refer from Entertaining; Entertainments; Ethics; Games; Manners and customs; Pastimes (s); Play; Recreation (s); Relaxation (s); Sports

Refer from Baptists; Germany — Religious history; Mennonites; Peasants' war; Reformation — Germany; Sects

Refer from Literature; Puzzles Refer from Logic; Philosophy; Rhetoric

Analytical chemistry see Chemistry — Analysis
Analytical geometry see Geometry, Analytic
Anarchism and anarchists
See also Nihilism

Anarchy see Anarchism and anarchists

Anatomy

See also Abdomen; Anatomy, Artistic; Anatomy, Comparative; Anthropometry; Arm; Autopsy; Bones; Chest; Digestive system; Dissection; Ear; Eye; Foot; Glands; Hand; Head; Histology; Joints; Leg; Morphology; Mouth; Muscles; Nervous system; Nose; Physiology; Respiratory organs; Skeleton; Skin; Surgery; Teeth; Throat; Urinary organs; Vascular system; Vivisection; also names of organs, bones, etc.

-Artistic
See also Animal painting and illustration; Expression; Figure drawing; Figure painting; Proportion (art)

---Comparative

See also Animal locomotion; Animal mechanics; Man — Origin and antiquity; Morphology; Skeleton; Zoology; also names of organs and members

Anatomy for artists see Anatomy, Artistic Anatomy of plants see Botany, Structural Ancestor worship

See also Confucianism; Shinto

Ancestry see Genealogy; Heredity Anchors

Ancien régime see France — History — Bour-

Ancient art see Art, Ancient

Ancient geography see Geography, Ancient Ancient history see History, Ancient

Anecdotes

See also Blunders; Children — Anecdotes and sayings; Humor; Indians — Anecdotes; Last words of famous people; Table-talk; also names of wars, subhead Anecdotes

----Legal

----Medical

----Religious

#### Anemometer

See also Meteorological instruments

Aneroid barometer see Barometer

#### Anesthetics

See also Chloroform; Cocaine; Ether (anesthetic)

Refer from Anarchy (s); Assassination; Communism; Crime and criminals; Government; Liberty; Nihilism; Sociology

Refer from Abdomen; Arm; Biology; Body, Human (s); Bones; Chest; Digestive system; Dissection; Foot; Glands; Hand; Head; Histology; Human anatomy (s); Human body (s); Joints; Leg; Man; Medicine; Morphology; Muscles; Nervous system; Organography (s); Physiology; Respiratory organs; Skeleton; Skin; Surgery; Urinary organs; Vascular system

Refer from Anatomy; Anatomy for artists (s); Art; Art anatomy (s); Artistic anatomy (s); Drawing; Expression; Figure drawing; Figure painting; Human figure in art (s); Painting; Proportion (art); Sculpture

Refer from Anatomy; Animal mechanics; Comparative anatomy (s); Comparative morphology (s); Dissection; Evolution; Man—Origin and antiquity; Skeleton; Zoology; Zootomy (s)

Refer from Confucianism; Family; Parents; Shinto; Worship

Refer from Ships

Refer from After-dinner speeches; Ana (s); Biography; Blunders; Humor; Illustrations (anecdotes) (s); Literature; Table-talk

Refer from Law; Lawyers; Legal anecdotes (s)

Refer from Medical anecdotes (s); Medicine; Physicians and surgeons

Refer from Music; Music — Anecdotes (s); Musical anecdotes (s); Musicians

Refer from Homiletical illustrations (s); Preaching; Religious anecdotes (s); Religious literature; Sermons — Illustrative helps (s)

Refer from Meteorological instruments; Winds

Refer from Anæsthesia (s); Chloroform; Cocaine; Drugs; Ether (anesthetic); Medicine; Pain; Surgery; Therapeutics

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Angels

See also Demonology

Anger

See also Emotions

Angles

See also Geometry

Anglican church see Church of England

Anglican communion

See also Church of England; Protestant Episcopal church in the U. S.

Angling see Fishing Anglo-Boer war see South African war, 1899-1902

Anglo-Israelism

See also Jews - Lost tribes

Anglo-Saxon language

See also English language; Germanic languages

Anglo-Saxon literature

See also Anglo-Saxon poetry; English literature

Anglo-Saxon poetry

See also Anglo-Saxon literature; English poetry

Anglo-Saxons

See also England - History - To 1066; Teutonic race

Angora goats

See also Goats

Aniline colors see Coal-tar colors Animal behavior see Animals - Habits and

behavior

Animal charcoal

See also Bone products

Animal chemistry see Physiological chemistry Animal coloration see Color of animals Animal drawing see Animal painting and illustration

Animal dwellings see Animals — Habitations Animal electricity see Electrophysiology

Animal experimentation

See also Vivisection

Animal fats see Oils and fats

Animal food

See also Meat; Vegetarianism

Animal heat

See also Physiological chemistry

Animal homes see Animals — Habitations Animal industry see Domestic animals; Live stock

Animal instinct see Instinct

Animal intelligence

See also Animals — Habits and behavior; Automatism; Instinct; Psychology, Comparative

Animal kingdom see Zoology

Refer from Bible; Heaven; Theology

Refer from Emotions; Ethics

Refer from Geometry

Refer from Church of England; Protestant Episcopal church in the U. S.

Refer from Jews; Jews - Lost tribes

Refer from English language; English language — Old English (s); Germanic languages; Old English language (s); Saxon language (s)

Refer from Anglo-Saxon poetry; English literature; Middle ages — Literature; Old English literature (s)

Refer from Anglo-Saxon literature; English poetry

Refer from Civilization; England — History - To 1066; Ethnology — England; Ethnology - U. S.; Teutonic race

Refer from Goats

Refer from Bone black (s); Bone products; Charcoal

Refer from Animals, Experiments on (s); Animals — Treatment; Experiments (s); Medical research; Vivisection

Refer from Diet; Food; Meat; Vegetarianism

Refer from Calorimeters and calorimetry; Heat; Physiological chemistry; Temperature

Refer from Animal psychology (s); Animals - Habits and behavior; Animals - Stories; Instinct; Intellect; Intelligence of animals (s); Mind in animals (s); Psychology; Psychology, Comparative; Reason; Soul

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Animal locomotion

See also Animal mechanics; Flight; Muscles; Running; Speed; Swimming; Walking

Animal lore [including legends]

See also Animal worship; Animals, Mythical; Animals — Stories; Bestiaries; Dragons; Fables; Folklore; Natural history; Nature myths; Vampires; Werwolves

Animal magnetism

See also Clairvoyance; Hypnotism; Suggestion

#### Animal mechanics

See also Anatomy, Comparative; Animal locomotion; Flight Animal mythology see Animal lore; Animals, Mythical

Animal oils see Oils and fats

Animal painting and illustration

Animal parasites see Parasites Animal photography see Photography -Animals

Animal pictures see Animals — Pictures

**Animal products** 

See also Bone products; Chemistry, Technical; Commercial products; Dairy products; Eggs; Feathers; Fur; Gelatin; Glue; Hides and skins; Ivory; Leather; Meat; Oils and fats; Silk; Wool

Animal psychology see Animal intelligence;

Psychology, Comparative Animal speech see Animals — Language Animal stories see Animals - Stories

**Animal** worship

See also Serpent worship; Totems and totemism

#### Animalcules

See also Infusoria; Microscope and microscopy; Protozoa

Animals [for descriptive and non-systematic

material See also Birds; Color of animals; Domestic animals; Hunting; Insects; Instinct; Menageries; Mimicry (biology); Natural history; Nature study; Pets; Play; Taxidermy; Vivariums; Zoological gardens; Zoology, and references under that subject; also headings beginning Animal, and names of animals

–Behavior, see Animals — Habits and behavior

-Breeding, see Breeding -Coloration, see Color of animals

Cruelty to, see Animals - Treatment

# -Diseases

See also Cattle - Diseases; Domestic animals; Parasites; Tuberculosis in animals; Veterinary medicine

Domestic, see Domestic animals

Refer from Anatomy, Comparative; Animal mechanics; Flight; Locomotion; Motion; Movements of animals (s)

Refer from Animal mythology (s); Animals — Folklore (s); Animals — Legends (s); Animals, Mythical; Animals — Stories; Animals in folklore (s); Bestiaries; Dragons; Fables; Folklore; Folklore of animals (s); Imaginary animals (s); Legends; Nature myths; Zoological mythology (s)

Refer from Biomagnetism (s); Clairvoyance; Hypnotism; Magnetism; Mental healing; Mesmerism (s); Psychical research; Suggestion

Refer from Anatomy, Comparative; Animal locomotion; Flight; Mechanics

Refer from Anatomy, Artistic; Animal drawing (s); Art; Drawing; Painting

Refer from Bone products; Chemistry, Technical; Commercial products; Zoology, Economic

Refer from Animal lore; Animals, Worship of (s); Mythology; Nature worship; Totems and totemism; Worship

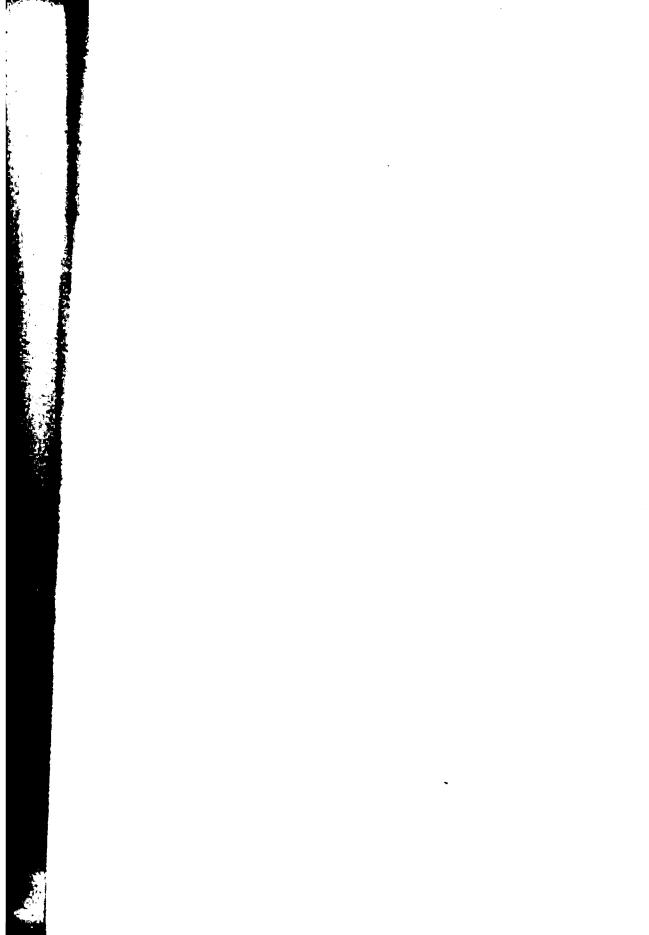
Refer from Micro-organisms (s); Zoology

Refer from Beasts (s); Natural history; Nature; Nature study; Quadrupeds; Wild animals (s); Zoology

Refer from Diseases of Animals (s); Veterinary medicine



Animals — Continued  — Experiments on, see Animal experimentation  — Extinct  See also Paleontology  — Fictitious, see Animals, Mythical  — Folklore, see Animal lore  — Fossil, see Paleontology	Refer from Extinct animals (s); Paleontology
Geographic distribution, see Geographical distribution of animals and plants     Habitations     See also Nests	Refer from Animal dwellings (s); Animal homes (s); Habitations of animals (s); Nests
	Refer from Animal behavior (s); Animal intelligence; Animals — Behavior (s); Animals — Stories; Habits of animals (s); Hibernation; Instinct; Mimicry (biology); Nature study
Imaginary, see Animals, Mythical     Irritability, see Irritability     Language  - Legends, see Animal lore; Animals - Stories	Refer from Animal speech (s); Language of animals (s); Speech; Speech of animals (s)
	Refer from Birds — Migration; Geographical distribution of animals and plants; Migration of animals (s)
See also Animal lore; Dragons; Sea serpents; Vampires; Werwolves	Refer from Animal lore; Animal mythology (8); Animals, Fictitious (8); Animals, Imaginary (8); Dragons; Imaginary animals (8); Mythical animals (8); Mythology; Sea serpents; Vampires; Werwolves; Zoological mythology (8)
See also Photography — Animals —Protection, see Animals — Treatment; Game laws; Game protection	Refer from Animal pictures (s); Pictures
See also Animal intelligence; Animal lore; Animals — Habits and behavior; Fables; Nature study; also names of animals, e.g. Birds — Stories; Dogs — Stories	Refer from Animal lore; Animal stories (s); Animals — Habits and behavior; Animals — Legends (s); Nature study
See also Domestication; Horse training	Refer from Animals in captivity (s); Circus;
Transportation	Domestication; Training Refer from Animals — Treatment; Cattle — Transportation (s); Live stock — Transporta- tion (s); Transportation; Transportation of animals (s)
Treatment  See also Animal experimentation; Animals — Transportation; Checkreins; Humane societies; Vivisection	Refer from Animals, Cruelty to (s); Animals — Protection (s); Brutes (s); Cruelty; Domestic animals; Ethics; Humane societies; Kindness to animals (s); Prevention of cruelty to animals (s); Treatment of animals (s)
Useful and harmful, see Domestic animals;     Zoology, Economic     Worship of, see Animal worship	



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Animals in captivity see Animals — Training; Menageries; Zoological gardens

Animals in folklore see Animal lore

Animals in poetry

Animation, Suspended, see Suspended animation

Animatograph see Moving pictures Animism

See also Fetishism; Idealism; Materialism; Serpent worship; Soul; Spiritualism;

Transmigration; Tree worship Annals see Chronology, Historical; History

Annealing

See also Glass; Iron; Steel

Annexations see names of countries and cities, subhead Annexations

Annihilation

See also Future life

**Anniversaries** 

See also Birthdays; Holidays; Wedding anniversaries

Annuals [enter here only the old-fashioned gift books]

See also Almanacs; Yearbooks

Annuals (plants)

See also Botany; Floriculture

Annuities

See also Insurance, Life; Pensions

Anointing see Unction Anonyms

See also Pseudonyms

Ant see Ants

Antarctic expeditions see Antarctic regions
Antarctic regions

See also Scientific expeditions; South pole; Voyages and travels

Ante-Nicene fathers see Fathers of the church Anthems

See also Chants; Church music; Hymns

Anthologies see Poetry — Collections; also, e.g., English poetry — Collections
Anthracite coal see Coal
Anthracite coal strike, 1902

Anthropogeography

See also Acclimatization; Environment; Migration of nations

Anthropology

See also Anthropogeography; Anthropometry; Archaeology; Cave dwellers; Civilization; Cliff dwellers and cliff dwellings; Color of man; Crime and criminals; Degeneration; Environment; Ethnology; Ethnopsychology; Eugenics; Evolution; Lake dwellers and lake dwellings; Language;

Refer from Poetry; Poetry of animals (s)

Refer from Fetishism; Folklore; Life; Materialism; Soul; Tree worship

Refer from Glass; Iron; Metals; Pottery; Steel

Refer from Future life; Theology

Refer from Birthdays; Celebrations (s); Holidays

Refer from Yearbooks

Refer from Botany; Floriculture; Plants

Refer from Insurance, Life; Investments; Pensions; Probabilities

Refer from Authors; Bibliography; Pseudonyms

Refer from Antarctic expeditions (s); Arctic regions; Discoveries and explorations; Earth; Geography; Polar regions (s); Scientific expeditions; South pole; Voyages and traveis

Refer from Chants; Choruses and part songs; Church music; Music; Songs

Refer from Coal mines and mining; Labor and laboring classes — Pennsylvania; Strikes and lockouts

Refer from Acclimatization; Anthropology; Commercial geography; Environment; Ethnology; Geographical distribution of men (s); Geography; Geography, Social (s); History; Immigration and emigration; Man; Migration of nations

Refer from Archaeology; Civilization; Ethnology; Evolution; History; Human race (s); Man; Man — Natural history (s); Migration of nations; Natural history; Race characteristics (s); Science; Sociology

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Man; Manners and customs; Migration of nations; Skeleton; Society, Primitive; Sociology; Tribes and tribal system; Women; also names of races, tribes, etc.

Anthropometry
See also Bertillon system; Finger prints; Identification; Psychometry

Anthropophagy see Cannibalism

Antichrist

Anti-corrosive paint see Corrosion and anticorrosives Antidotes see Poisons; also names of poisons Anti-imperialism see Imperialism Anti-masonry see Freemasons

Antinomianism

Antiquarian societies

See also Historical societies

Antiquarians see Archaeologists **Antiques** 

-Forged

See also Art forgeries

Antiquities see Archaeology; also names of countries, cities, etc., subhead Antiquities Antiquity of man see Man — Origin and antiquity

Anti-reformation see Counter-reformation Anti-Semitism see Jews — Political and social conditions

Antiseptics

See also Disinfection and disinfectants; Putrefaction

Antislavery see Slavery Antitoxins

See also Immunity; Serum therapy

Antlers see Horns Antonyms see Synonyms and antonyms Ants

See also Hymenoptera Anxiety see Fear: Worry Apache Indians

**Apartment houses** 

See also Lodging houses; Tenement houses

Ape see Apes Apes

See also Gorillas; Monkeys; Primates

**Aphasia** Aphididae see Plant lice Aphorisms see Epigrams; Maxims; Proverbs; Quotations; Table-talk Apiaries see Bees Apiculture see Bees

Refer from Anatomy; Anthropology; Bertillon system; Crime and criminals; Ethnology; Human body (s); Identification; Man; School children

Refer from Jesus Christ; Theology

Refer from Calvinism; Congregationalism; Massachusetts - Religious history; Mosaic law; Theology

Refer from Archaeology; Historical societies; Societies

Refer from Art; Collectors and collecting; Furniture

Refer from Art forgeries; Counterfeits; Forgeries (s); Forgery of antiques (s); Fraud; Imposture; Swindlers and swindling

Refer from Disinfection and disinfectants: Medicine; Putrefaction; Surgery; Therapeu-

Refer from Diphtheria; Drugs; Immunity; Physiological chemistry; Poisons; Serum therapy; Tetanus; Therapeutics; Toxins

Refer from Ant (s); Hymenoptera

Refer from Indians

Refer from Architecture, Domestic; Flats (s); Home economics; Hotels; Housing problem; Landlord and tenant; Tenement houses

Refer from Ape (s); Gorillas; Monkeys; Primates Reser from Brain; Mental diseases; Speech

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Apocalypse see Bible - New Testament -Revelation

Apocalyptic literature

See also Bible - New Testament - Revelation; Revelation Apocrypha see Bible - Old Testament -Apocrypha Apocryphal books (New Testament) see Bible – New Testament — Apocryphal books Apologetics see Christianity - Evidences Apoplexy

**Apostles** 

See also Bible - New Testament; Church history - Early church - Apostolic; Saints

#### Apostles' creed

#### Apostolic canons

See also Apostolic constitutions

Apostolic church see Church history - Early church — Apostolic Apostolic constitutions

See also Apostolic canons

Apostolic fathers

See also Church history - Early church - Apostolic; Fathers of the church

Apostolic succession

See also Bishops; Catholic church — Clergy; Church of England — Clergy; Episcopacy; Popes

Apothecaries see Pharmacists Apothegms see Epigrams; Maxims; Proverbs; Quotations; Table-talk Apparatus see Instruments Apparitions

See also Demonology; Ghosts; Illusions and hallucinations; Psychical research; Spiritualism

#### Appeal

# **Appendicitis**

Apperception

See also Attention; Knowledge; Perception; Psychology; Psychology, Educational

See also Cider; Fruit Apples see Apple Applied mechanics see Mechanical engineering; Mechanics, Applied Applied science see Technology

Refer from Bible - New Testament -Revelation; Prophecies; Revelation

Refer from Brain; Cerebral hemorrhage (s); Medicine - Practice; Paralysis

Refer from Bible; Bible - New Testament; Christian biography; Christianity; Church history — Early church — Apostolic; Evangelists (s); Jesus Christ; Saints; Theology Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds

Refer from Apostolic constitutions; Canons, Apostolic (s); Church law; Fathers of the church; Theology

Refer from Apostolic canons; Bible - New Testament - Apocryphal books; Church law; Constitutions, Apostolic (s); Fathers of the church; Theology

Refer from Christian biography; Church story — Farly church — Apostolic; Fathers history of the church

Refer from Bishops; Catholic church; Catholic church — Clergy; Church history; Church of England; Church of England -Clergy; Church polity; Episcopacy; Popes; Protestant Episcopal church in the U. S; Theology

Refer from Demonology; Dreams; Ghosts; Illusions and hallucinations; Phantoms (s); Psychical research; Psychology; Specters (s); Spectres (s); Spirits (s); Spiritualism; Super-natural; Superstition; Visions (s) Refer from Courts; Law; Pleading and

practice

Refer from Intestines; Medicine - Practice; Surgery

Refer from Knowledge; Perception; Psychology, Educational

Refer from Apples (s); Fruit

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Appraisal of books see Book reviews; Books and reading; Books and reading - Best books; Criticism; Literature — History and criticism

Appraising

See also Administrators and executors; Arbitration and award; Damages; Eminent domain; Insurance; Taxation

Appreciation of art see Art — Appreciation Appreciation of music see Music - Apprecia-

**Apprentices** 

# April fools' day

#### Aquariums

See also Fresh-water fauna; Water gardens

Aquatic animals see Fresh-water fauna; Marine zoology Aquatic birds see Water birds Aquatic gardening see Water gardens Aquatic insects see Insects, Aquatic Aquatic life see Fresh-water life; Marine biology Aquatic plants

See also Algæ; Fresh-water life; Marine biology; Water gardens

See also Boats and boating; Canoes and canoeing; Fishing; Rowing; Sailing; Sports; Swimming; Yachts and yachting

Aqueducts

See also Civil engineering

Arabesques

See also Decoration and ornament

Arabic language

See also Inscriptions, Arabic; Manuscripts, Arabic; Semitic languages Arabic literature

See also Arabic poetry; Oriental literature

Arabic numerals see Numerals Arabic poetry

See also Arabic literature

Arabs

· See also Algeria; Arabia; Bedouins; Mohammedanism; Moors; Saracens; Semitic

Arabs in Spain see Moors in Spain Arachnida

See also Arthropoda; Spiders Arbitrage(see Stock exchange) Arbitration, Industrial, see Arbitration and conciliation, Industrial

Arbitration, International

See also Disarmament; International law; Peace; War

Refer from Arbitration and award; Damages; Law; Property; Taxation

Refer from Boys; Child labor; Economics; Indentured servants; Industrial education; Labor and laboring classes; Master and servant; Technical education

Refer from All fools' day (s); Days; Manners

and customs

Refer from Fish; Fresh-water fauna; Marine zoology; Natural history; Vivariums; Water gardens; Zoology

Refer from Algae; Botany; Fresh-water flora (s); Fresh-water life; Marine biology; Marine botany (s); Marine flora (s); Marine plants (s); Plants; Plants, Aquatic (s); Sea plants (s); Water gardens; Water plants (s)

\*Refer from Boats and boating; Rowing; Sailing; Sports; Swimming; Water sports (s);

Yachts and yachting

Refer from Canals; Civil engineering; Conduits (s); Engineering; Hydraulic engineering;

Refer from Decoration and ornament

Refer from Semitic languages

Refer from Arabic poetry; Oriental literature; Turkish literature

Refer from Arabic literature

Refer from Algeria; Arabia; Bedouins; Mohammedanism; Moors; Saracens; Semitic race

Refer from Arthropoda; Spiders

Refer from Arbitration and award; Disarmament; International arbitration (s); International law; International relations; Peace; Treaties; War

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Arbitration and award

See also Arbitration, International; Appraising; Damages; Eminent domain Arbitration and conciliation, Industrial

See also Labor and capital; Labor exchanges; Strikes and lockouts; Trade agreements

Arbor day
See also Tree planting

Arboriculture see Forests and forestry; Fruit culture; Tree planting; Trees
Arc, Electric, see Electric arc
Arc lamps see Electric lamps
Arc light see Electric lighting; also Electric arc
Arcades

Arch see Arches Archaean period see Geology, Stratigraphic — Archaean

Archaeologists
See also Historians

Archaeology

See also Amulets; Anthropology; Antiquarian societies; Architecture, Ancient; Arms and armor; Arrowheads; Art, Ancient; Art, Primitive; Baths and bathing; Bells; Bible — Antiquities; Brasses; Bronze age; Bronzes; Burial; Castles; Catacombs; Cave dwellers; Caves; Cemeteries; Chariots; Christian antiquities; Christian art and symbolism; Civilization; Classical antiquities; Cliff dwellers and cliff dwellings; Copper age; Costume; Cromlechs; Cross; Earthworks (archaeology); Epitaphs; Ethnology; Folklore; Funeral rites and ceremonies; Gems; Heraldry; History; History, Ancient; Indians — Antiquities; Industries, Primitive; Inscriptions; Iron age; Kitchen middens; Lake dwellers and lake dwellings; Man — Origin and antiquity; Manners and customs; Medals; Middle ages; Monuments; Mounds and mound builders; Mummies; Mythology; Numismatics; Obelisks; Painting; Picture writing; Pottery; Pyramids; Round towers; Sculpture; Seals (numismatics); Stone age; Stone implements; Sundials; Temples; Tombs; also names of countries, cities, etc., subhead Antiquities Archbishops

See also Bishops; Catholic church — Clergy; Church of England — Clergy

Archegony see Spontaneous generation Archery See also Bow and arrow Refer from Appraising; Awards (s); Damages; Law

Refer from Arbitration, Industrial (s); Commercial law; Conciliation, Industrial (s); Industrial arbitration (s); Industrial conciliation (s); Labor and capital; Labor and laboring classes; Labor unions; Strikes and lockouts; Trade agreements

Refer from Forests and forestry; Holidays; Tree planting; Trees

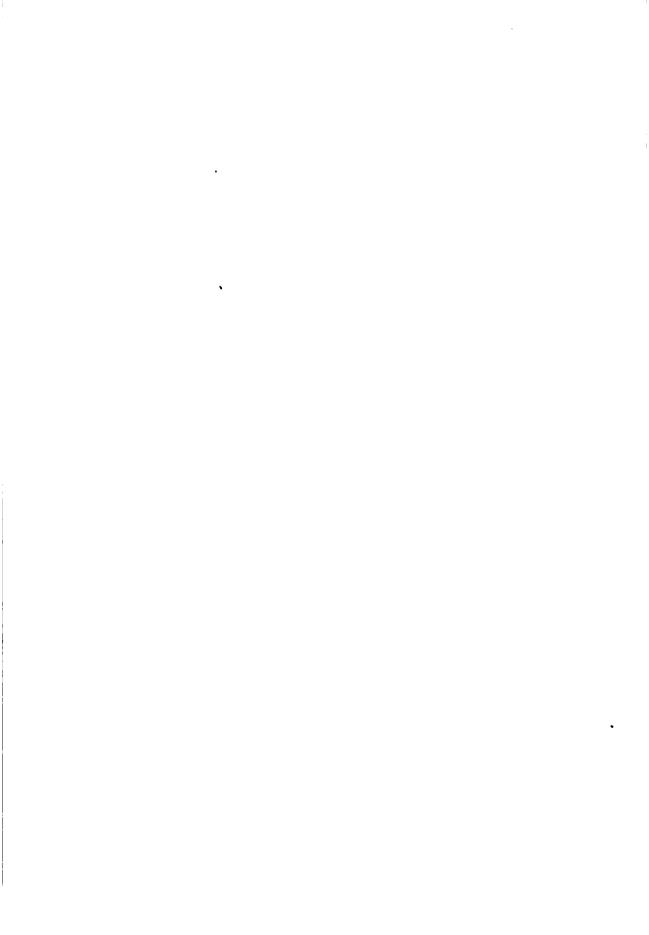
Refer from Architecture

Refer from Antiquarians (s); Biography; Historians

Refer from Anthropology; Antiquities (s); Architecture; Architecture, Ancient; Art; Art, Ancient; Art, Primitive; Bronze age; Cave dwellers; Civilization; Classical antiquities; Cliff dwellers and cliff dwellings; Copperage; Earthworks (archaeology); Ethnology; Excavations (s); History; History, Ancient; Industries, Primitive; Iron age; Lake dwellers and lake dwellings; Man; Man—Origin and antiquity; Manners and customs; Monuments; Mythology; Prehistoric archaeology (s); Ruins (s); Stone age

Refer from Bishops; Catholic church — Biography; Catholic church — Clergy; Christian biography; Church of England — Biography; Church of England — Clergy; Episcopacy

Refer from Bow and arrow; Military art and science; Shooting; Sports



#### Arches

See also Arches of triumph; Architecture; Bridges; Building; Culverts; Strains and stresses; Vaulting

### Arches of triumph

#### Architects

Architectural acoustics see Acoustics of buildings

# Architectural design

See also Architectural drawing

Architectural details see Architecture - Details

#### Architectural drawing

See also Architectural design; Architecture — Details; Blue prints; Mechanical drawing

Architectural gardening see Landscape gardening

#### Architecture

See also Acoustics of buildings; Amphitheaters; Arcades; Archaeology; Arches; Arches of triumph; Architects; Architectural design; Architectural drawing; Art; Barns and stables; Basilicas; Baths, Public; Bridges; Building; Building materials; Carpentry; Castles; Cathedrals; Ceilings; Chimneys; Christian art and symbolism; Church architecture; Columns; Concrete construction; Cornices; Decoration and ornament; Domes; Doors; Factories; Farm buildings; Fences; Fireplaces; Fireproof construction; Floors; Foundations; Fountains; Gables; Garages; Gates; Grain eleva-tors; Greenhouses; Grilles; Heating; High buildings; Hospitals; Hotels; House painting; Library architecture; Machine shops; Masonry; Metal work; Military architecture; Mills and millwork; Moldings; Mosques; Municipal art; Municipal centers; Mural painting and decoration; Obelisks; Orders of architecture; Orientation (architecture); Packing houses; Palaces; Pergolas; Plumbing; Portable buildings; Proportion (art); Public buildings; Pyramids; Railings; Railroads — Buildings; Railroads - Stations; Roofs; Sanitary engineering; Schoolhouses; Secret chambers; Spires; Stairbuilding; Steel construction; Strains and stresses; Strength of materials; Temples; Theaters; Tombs; Towers; Trusses; Vaulting; Vaults; Ventilation; Walls; Warehouses; Windows; Woodwork; also names of cities, subhead Architecture

### -Ancient

See also Archaeology; Architecture, Greek; Cliff dwellers and cliff dwellings; Lake dwellers and lake dwellings; Pyramids; Temples

See also Architecture, American; also names of states and cities, subhead Historic houses, etc.

Refer from Arch (s); Architecture; Bridges; Building; Civil engineering; Engineering; Masonry; Roofs; Strains and stresses; Vault-

Refer from Arches; Architecture; Monuments; Triumphal arches (s)

Refer from Architecture; Artists; Biography

Refer from Architectural drawing; Architecture; Decoration and ornament; Design, Architectural (s); Design, Decorative

Refer from Architectural design; Architecture; Drawing; House plans (s); Mechanical drawing; Plans (architecture) (s)

Refer from Acoustics of buildings; Amphitheaters; Arches; Art; Basilicas; Building; Castles; Church architecture; Columns; Construction (s); Cornices; Decoration and ornament; Domes; Doors; Engineering; Industrial arts; Moldings; Palaces; Pergolas; Roofs; Strength of materials; Towers; Vaulting; Windows

Refer from Archaeology; Art, Ancient

Refer from Architecture, American; Colonial architecture (s); Colonial life and customs

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# Architecture — Continued ——Details

---Domestic

See also Apartment houses; Bungalows; Cottages; Country houses; Farm buildings; Fireplaces; Heating; House decoration; House painting; Housing problem; Log cabins; Plumbing; Tenement houses

----Ecclesiastical, see Church architecture

See also Cathedrals; Church architecture

-Greek

See also Orders of architecture; Temples

----Medieval

See also Castles; Cathedrals, and other references under Architecture

—Military, see Fortification; Military architecture

-Mohammedan

See also Alhambra; Mosques

---- Moorish, see Architecture, Mohammedan

--- Naval, see Shipbuilding

---Oriental

See also Architecture, Mohammedan; Mosques; Taj Mahal; Temples

---Renaissance

See also Art, Renaissance

—Rural, see Architecture, Domestic; Bungalows; Cottages; Country houses; Farm buildings

**Archives** 

See also Charters; Manuscripts; Paleography; Vital records; also names of countries, subhead Archives

Arctic expeditions see Arctic regions Arctic flora see Botany — Arctic regions

Arctic regions

See also Antarctic regions; Eskimos; Icebergs; North pole; Northeast passage; Northwest passage; Scientific expeditions; Voyages and travels; also names of exploring expeditions

Areometer see Hydrometer

Argon

Argonauts

See also Mythology, Classical

Argot see Slang Argument see Debating; Logic

Arianism

See also Church history — Early church; Jesus Christ — Divinity; Socinianism; Trinity; Unitarianism

Arid farming see Dry farming

Refer from Architectural details (s); Architural drawing; Details, Architectural (s)

Refer from Architecture, Rural (s); Cottages; Country houses; Domestic architecture (s); Dwellings (s); Farm buildings; Farm houses (s); Fireplaces; Habitations, Human (s); House plans (s); Houses (s); Plans (architecture) (s); Residences (s); Rural architecture (s); Suburban houses (s); Summer cottages (s); Tenement houses; Villas (s)

Refer from Cathedrals; Christian antiquities; Church architecture; Gothic architecture (s); Pointed architecture (s)

Refer from Architecture, Ancient; Greek architecture (s); Orders of architecture

Refer from Medieval architecture (s); Middle ages — Architecture (s)

Refer from Architecture, Moorish (s); Architecture, Oriental; Mohammedan architecture (s); Moorish architecture (s); Mosques

Refer from Mosques; Oriental architecture (s); Temples

Refer from Art, Renaissance; Renaissance; Renaissance architecture (s)

Refer from Bibliography; Charters; Documents (s); History — Sources; Manuscripts; Public records (s); Records, Public (s)

Refer from Arctic expeditions (s); Discoveries and explorations; Earth; Eskimos; Geography; Ice; Icebergs; North pole; Northeast passage; Northwest passage; Polar regions (s); Scientific expeditions; Voyages and travels

Refer from Air; Chemical elements; Gases

Refer from Golden fleece (s); Mythology, Classical

Refer from Church history — Early church; Humanitarianism (theology) (s); Jesus Christ — Divinity; Socinianism; Trinity; Unitarianism

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**Aristocracy** 

See also Democracy; Government; Oligarchy; Peerage

**Arithmetic** 

See also Calculating machines; Decimal system; Interest; Mathematical instruments; Mathematics; Mensuration; Metric system; Notation (mathematics), Numbers; Numerals; Ready-reckoners

---Commercial

See also Accounting; Bookkeeping; Calculating machines; Interest; Ready-reckoners

Arithmetical instruments see Mathematical instruments

Arm

See also Anatomy; Artificial limbs

Armada, 1588

See also England — History — Elizabethan period; England — History, Naval; Spain — History — 1479-1700; Spain — History, Naval

Armaments see Armies; Disarmament; Navies; also names of countries, subheads Army and Navy

Armatures

See also Commutators; Dynamos; Electromagnets

Armenian language

See also Aryan languages; Oriental languages

Armies

See also Army life; Disarmament; Mercenary troops; Militarism; Military art and science; Military hygiene; Military maneuvers; Military service; Milita; Navies; Recruiting and enlistment; Soldiers; War; also names of countries, subhead Army

**Arminianism** 

Armor see Arms and armor

Armor plate

See also Armored vessels; Coast defense; Nickel steel

Armored concrete see Concrete, Reinforced Armored vessels

See also Armor plate; Navies; Warships

Armories

See also Arsenals; Military architecture Arms (anatomy) see Arm Arms, Coats of, see Heraldry

Arms and armor

See also Artillery; Bayonets; Boomerangs; Bow and arrow; Firearms; Guns; Helmets; Indians — Implements and weapons; Ordnance; Pistols; Rifles; Swords; Throwing sticks

Army see Armies; Military art and science; also names of countries, subhead Army Army canteens see Canteens (army) Refer from Constitutional history; Democracy; Equality; Government; Nobility (s); Peerage

Refer from Interest; Mathematics; Mental arithmetic (s); Numbers; Oral arithmetic (s); Weights and measures

Refer from Accounting; Business arithmetic (s); Cambistry (s); Commercial arithmetic (s)

Refer from Anatomy; Arms (anatomy) (s)

Refer from England — History — Elizabethan period; England — History, Naval; Naval battles; Spain — History — 1479-1700; Spain — History, Naval; Spanish armada (s)

Refer from Dynamos; Electric apparatus and appliances; Electric armatures (s); Electric engineering; Electric motors; Electricity; Electromagnets

Refer from Aryan languages; Oriental languages

Refer from Armaments (s); Army (s); Disarmament; Militarism; Military art and science; Military power (s); Navies; Soldiers; Standing army (s); War

Refer from Calvinism; Predestination; Theology

Refer from Armored vessels; Coast defense; Naval art and science; Nickel steel; Steel; Warships

Refer from Armor plate; Iron-clad vessels (s); Ironclads (s); Naval art and science; Navies; Shipbuilding; Ships; Warships

Refer from Arsenals; Military architecture

Refer from Archaeology; Armor (s); Bayonets; Costume, Military (s); Firearms; Heraldry; Military art and science; Military costume (s); Swords; Weapons (s)

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Army life

See also Military service; Soldiers

Army of the Cumberland

See also U. S. - History - Civil war

Army of the Potomac

See also Peninsular campaign, 1862; U. S. — History — Civil war

Aromatic plant products see Essences and essential oils

Arrest

See also Bail; Constables; Extradition; Habeas corpus; Sheriffs Arrow-heads see Arrowheads

Arrowheads

See also Bow and arrow; Indians — Antiquities

Arrows see Bow and arrow

Arsenals

See also Armories; Military architecture; also names of cities, subhead Arsenals

Arsenic Art

See also Anatomy, Artistic; Animal painting and illustration; Antiques; Archaeology; Architecture; Art and morals; Art forgeries; Art in literature; Art societies; Artists; Arts and crafts, and references under that subject; Brasses; Bric-a-brac; Bronzes; Caricature and cartoons; Carving (art industries); Children in literature and art; Christian art and symbolism; Classicism; Collectors and collecting; Composition (art); Costume; Decoration and ornament; Design, Decorative; Drawing; Engraving; Esthetics; Etching; Frescoes; Gems; Glyptics; House decoration; Idealism in art; Illustration of books; Impressionism (art); Indians — Art; Industrial arts; Landscape gardening; Lithography; Madonnas; Miniature painting; Mosaics; Municipal art; Mural painting and decoration; Music; Naturalism in art; Nude in art; Numismatics; Painting; Pastel; Photography; Pictures; Portraits; Posters; Preraphaelitism; Proportion (art); Realism in art; Sculpture; Silhouettes; Stained glass; Symbolism; Women in literature and art; also names of cities, subhead Art

-American

See also Architecture, American; Painting, American; Sculpture, American

---Ancient

See also Archaeology; Architecture, Ancient; Art, Primitive; Classical antiquities; also Art, Greek; Art, Roman; etc.

---Appreciation

See also Art — Criticism; Art — Study and teaching; Esthetics

Refer from Armies; Military life (s); Soldiers; U. S. — Army

Refer from Cumberland, Army of the (s); U. S. — History — Civil war; U. S. — History — Civil war — Campaigns and battles; U. S. — History — Civil war — Regimental histories

Refer from Peninsular campaign, 1862; Potomac, Army of the (s); U. S. — History — Civil war; U. S. — History — Civil war — Campaigns and battles; U. S. — History — Civil war — Regimental histories

Refer from Bail; Constables; Criminal law; Imprisonment (s); Sheriffs

Refer from Archaeology; Arrow-heads (s); Bow and arrow; Indians — Antiquities

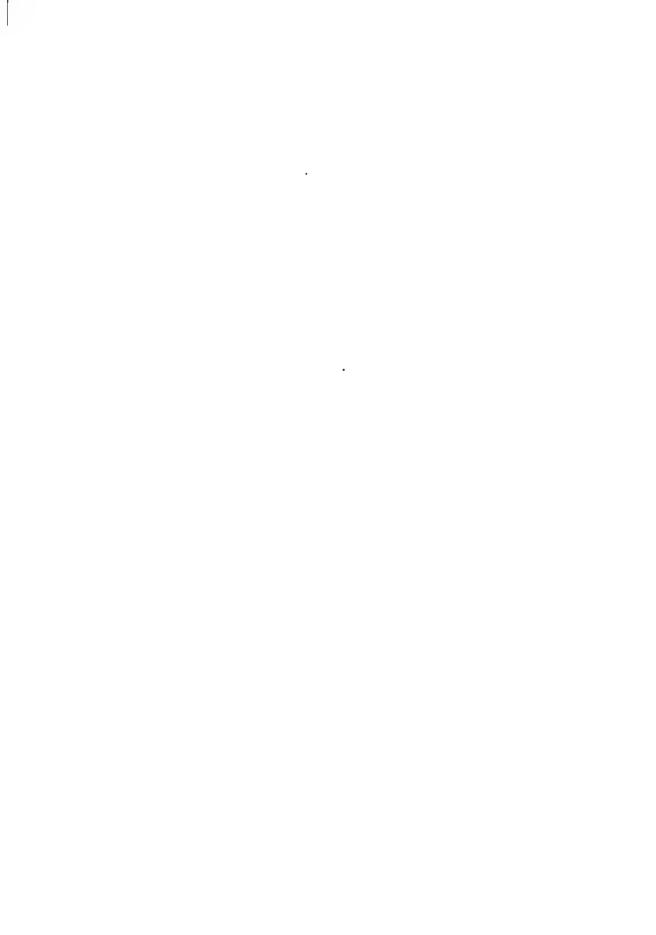
Refer from Armories; Firearms; Military architecture; Ordnance
Refer from Chemical elements; Poisons

Refer from Architecture; Arts, Fine (s); Arts and crafts; Christian art and symbolism; Civilization; Composition (art); Decoration and ornament; Design, Decorative; Esthetics; Fine arts (s); Graphic arts (s); Iconography (s); Painting; Sculpture

Refer from American art (s); U. S. — Art (s); U. S. — Fine arts (s)

Refer from Ancient art (s); Archaeology

Refer from Appreciation of art (s); Art — Criticism; Art — Study and teaching; Esthetics



Art - Continued

-Christian, see Christian art and symbolism -Criticism

See also Art - Appreciation; Esthetics

-Decorative, see Arts and crafts; Decoration and ornament; Design, Decorative Education, see Art - Study and teaching

-Exhibitions

See also Art - Galleries and museums

-Galleries and museums

See also Art - Exhibitions; Paintings; also names of galleries, e.g. Louvre, Versailles (palace); and names of cities, subhead Galleries and museums

-Medieval

-Municipal, see Municipal art

-Primitive

See also Archæology; Indians - Art

-Renaissance

See also Architecture, Renaissance; Renaissance

-Study and teaching

See also Art - Appreciation

Art anatomy see Anatomy, Artistic Art and morals

See also Nude in art Art criticism see Art - Criticism

Art education see Art — Study and teaching Art forgeries

See also Antiques, Forged

Art galleries see Art — Galleries and museums Art glass see Glass, Ornamental Art in literature

Art in the schoolroom see Art - Study and teaching; School decoration

Art, industries see Arts and crafts; Industrial

Art museums see Art — Galleries and museums Art societies

Arteries

See also Blood; Blood vessels; Veins

Artesian wells

See also Boring; Wells

Arthropoda

See also Arachnida; Crustacea; Insects; Invertebrates; Myriapoda

Arthurian romances

See also Grail

Articles, Thirty-nine, see Church of England Articles of religion

Articulations see Joints

**Artificial flowers** 

See also Glass flowers; Paper flowers; Wax flowers

Refer from Art - Appreciation; Art criticism (s); Criticism; Esthetics

Refer from Art - Galleries and museums; Exhibitions; Paintings; Pictures

Refer from Art—Exhibitions; Art galleries(s); Art museums (s); Exhibitions; Galleries (art) (s); Museums; Paintings; Pictures

Refer from Medieval art (s); Middle ages -Art (s)

Refer from Archaeology; Art, Ancient; Ethnology; Primitive art (s)

Refer from Architecture, Renaissance; Renaissance; Renaissance art (s)

Refer from Art — Appreciation; Art — Education (s); Art education (s); Art in the schoolroom (s)

Refer from Art; Ethics; Nude in art

Refer from Antiques, Forged; Art; Counterfeits; Forgeries (s); Forgery; Forgery of works of art (s); Fraud; Imposture; Paintings; Pictures; Swindlers and swindling

Refer from Art; Literature

Refer from Art; Artists; Societies

Refer from Blood; Blood vessels; Vascular system; Veins

Refer from Boring; Hydraulic engineering; Water supply; Wells

Refer from Arachnida; Crustacea; Insects; Invertebrates; Myriapoda

Refer from Chivalry; Grail; Legends; Middle ages — Literature; Romances; Round Table (s)

Refer from Fancy work; Flowers; Flowers, Artificial (s); Millinery

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Artificial ice see Ice - Manufacture Artificial language see Language, Artificial Artificial limbs Artificial stone see Stone, Artificial

Artillery

See also Artillery drill and tactics; Gunnery; Military art and science; Naval guns; Ordnance; Projectiles; also under country, e.g. U. S.— Army — Artillery. For volunteer regiments in the U. S. see under name of state, e.g New York artillery

Artillery drill and tactics

See also Gunnery; Tactics; Target practice

Artistic anatomy see Anatomy, Artistic

See also Architects; Art societies; Bo-hemianism; Engravers; Illustrators; Musicians; Painters; Sculptors; Women as artists

#### Artists' marks

Arts, Fine, see Art Arts, Useful, see Industrial arts Arts and crafts

See also Art; Basketwork; Beadwork; Bookbinding; Carving (art industries); China painting; Coppersmithing; Decoration and ornament; Design, Decorative; Domestic arts; Embroidery; Enamel; Furniture; Gesso; Glass; Goldsmithing; Handicraft; Illumination of manuscripts and books; Industrial arts; Inlay; Ironwork; Jewelry; Lace; Lacquer; Leather work; Manual training; Metal work; Modeling; Mosaics; Needlework; Pewter; Pottery; Pyrography; Repoussé work; Rugs; Shellwork; Silversmithing; Stencil work; Tapestry; Weaving; Wood carving

Aryan civilization see Civilization, Aryan

Aryan languages

See also Armenian language; Celtic languages; Germanic languages; Greek language; Indo-Aryan languages; Iranian languages; Latin language; Romance languages; Slavic languages

Aryans

See also Caucasian race; Celts; Civilization, Aryan; Hindus; Latin races; Slavs; Teutonic race

# **Asbestos**

See also Geology, Economic

Ascension of Jesus Christ see Jesus Christ -Resurrection and ascension Asceticism

See also Fasting; Hermits; Monasticism

# Ash Wednesday

See also Lent

Asiatic cholera see Cholera, Asiatic

# Refer from Arm; Leg

Refer from Arms and armor; Batteries (military) (s); Coast artillery (s); Coast defense; Field artillery (s); Firearms; Gunnery; Guns; Military art and science; Ordnance

Refer from Artillery; Drill (military); Gunnery; Military art and science; Tactics

Refer from Art; Biography; Engravers; Painters; Sculptors

Refer from Initials; Marks, Artists' (8); Monograms

Refer from Art; Art, Decorative (s); Art industries (s); Carving (art industries); China painting; Coppersmithing; Crafts (s); Decoration and ornament; Design, Decorative; Domestic arts; Enamel; Gesso; Goldsmithing; Handicraft; Illumination of manuscripts and books; Industrial arts; Inlay; Ironwork; Jewelry; Leather work; Manual training; Metal work; Modeling; Mosaics; Pottery; Pyrography; Repoussé work; Silversmithing; Wood carving

Refer from Armenian language; Celtic languages; Germanic languages; Greek language; Indo-Aryan languages; Indo-European languages (s); Indo-Germanic languages (s); Iranian languages; Language; Latin language; Romance languages; Slavic languages

Refer from Caucasian race; Celts; Civiliza-tion, Aryan; Ethnology; Ethnology — Asia; Ethnology — Europe; Hindus; Indo-Euro-peans (s); Indo-Germanic peoples (s); Latin races; Slavs; Teutonic race

Refer from Fireproofing; Geology, Economic; Mineralogy

Refer from Church discipline; Church polity; Conduct of life; Ethics; Fanaticism; Fasting; Hermits; Monasticism

Refer from Christian year; Fasts and feasts; Lent

A.a. international and a second

Asiatic languages see Oriental languages Asiatic literature see Oriental literature

See also Geology, Economic; Pavements

Aspiration see Ideals

Assassination

See also Anarchism and anarchists; Murder

Assault Assaving

See also Blowpipe; Metallurgy; Ores

Assembly, Right of

See also Liberty of speech; Public meetings

Assessment see Taxation

**Assignments** 

See also Attachment; Bankruptcy; Commercial law; Liens

Assimilation see Absorption (physiology); Metabolism; Nutrition

Associated charities see Charity organization

Association see Cooperation Association of ideas

See also Memory; Psychology

Associations see Corporations; Gilds; Labor unions; Societies

Assurance see Insurance

Assyrian langauge

See also Cuneiform writing; Semitic languages

Assyrian literature see Assyro-Babylonian literature

Assyriology see Assyria - Antiquities

Assyro-Babylonian literature

See also Cuneiform writing; Oriental literature

**Asteroids** 

See also Astronomy

See also Respiratory organs - Diseases

Astigmatism

See also Eye - Diseases and defects

Astrolabe

See also Astronomical instruments

Astrology

See also Occult sciences

Astronomers

**Astronomical instruments** 

See also Astrolabe; Astronomical photography; Astronomy, Spherical and practical; Chronograph; Heliometer; Heliostat; Photochronograph; Sextant; Spectroscope; Telescope; Transit (instrument)

Refer from Bitumen (s); Commercial products; Concrete; Geology, Economic; Pavements; Pitch, Mineral (s); Streets

Refer from Conspiracies; Crime and criminals; Murder Refer from Criminal law

Refer from Analysis (chemistry) (s); Blow-pipe; Chemistry; Chemistry — Analysis; Metallurgy; Metals; Mineralogy; Ores; Prospecting

Refer from Liberty; Liberty of speech; Public meetings; Right of assembly (s)

Refer from Attachment; Bankruptcy; Commercial law; Contracts; Debt; Law; Trustees

Refer from Ideas, Association of (s); Memory; Mental association (s); Psychology

Refer from Cuneiform writing; Semitic languages

Refer from Assyrian literature (s); Baby-lonian literature (s); Cuneiform writing; Oriental literature

Refer from Astronomy; Planets; Solar system; Stars

Refer from Medicine - Practice; Respiratory organs - Diseases

Refer from Eye - Diseases and defects; Sight

Refer from Astronomical instruments

Refer from Astronomy; Divination; Fortune telling; Hermetic art (s); Horoscopes (s); Occult sciences; Omens; Planets; Stars; Superstition; Zodiac
Refer from Astronomy; Scientists

Refer from Astrolabe; Astronomy; Astronomy, Spherical and practical; Chronograph; Heliometer; Heliostat; Instruments; Optical instruments; Scientific apparatus and instruments; Sextant; Telescope; Transit (instrument)



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### Astronomical mythology

#### Astronomical observatories

## Astronomical photography See also Photochronograph

Astronomy

See also Aberration; Almanacs; Asteroids; Astrology; Astronomers; Astronomical instruments, and names of instruments; Astronomical mythology; Astronomical observatories; Astronomical photography; Astrophysics; Azimuth; Bible — Astronomy; Calendar; Chronology; Comets; Earth; Eclipses; Equinoxes; Geodesy; Geography, Mathematical; Globes; Gravitation; Latitude and longitude; Mechanics, Celestial; Meteorites; Meteoritic hypothesis; Meteors; Milky way; Moon; Nautical almanacs; Nautical astronomy; Nebulae; Nebular hypothesis; Nutation; Occulta-Nebular hypothesis; Nutation; Occurra-tions; Orbits; Parallax; Perturbation; Planetesimal hypothesis; Planets [and their names]; Planispheres; Plurality of worlds; Satellites; Seasons; Solar system; Space; Spectra; Spectrum analysis; Stars; Sun; Tides; Time; Transits; Universe; Zodiac; Zodiacal light Zodiacal light -Atlases

See also Planispheres

History

-Spherical and practical

See also Aberration; Astronomical instruments; Azimuth; Eclipses; Latitude and longitude; Least squares; Nautical astronomy; Navigation; Nutation; Occultations; Parallax; Refraction; Time

**Astrophysics** 

See also Astronomy; Spectrum analysis; Stars; Sun

Asylum, Right of See also Aliens

Asylums

See also Almshouses; Blind - Asylums and education; Charities; Deaf and dumb — Asylums and education; Homes for the aged; Hospitals; Inebriate asylums; Insane hospitals; Orphans and orphan asylums; Poor; also names of countries and cities, subhead Hospitals and asvlums

Atavism see Heredity

Athanasian creed

Atheism

See also Agnosticism; Deism; God; Materialism; Natural religion; Skepticism; Theism

**Athletics** 

See also Boxing; College athletics; Fencing; Games; Gymnastics; Jiu-jitsu; Olympic games; Physical education; Rowing; Running; School athletics; Skating; Sports; Swimming; Track athletics; Training; Walking; Wrestling

Refer from Astronomy; Mythology; Nature myths

Refer from Astronomy; Observatories, Astronomical (s)

Refer from Astronomical instruments; Astronomy; Photography; Photography, Astronomical (s)

Refer from Asteroids; Astrophysics; Comets; Constellations (s); Earth; Eclipses; Equinoxes; Geography, Mathematical; Globes; Gravitation; Heavens (s); Latitude and longitude; Mathematics; Mechanics, Celestial; Meteors; Milky way; Moon; Nebulae; Nebular hypothesis; Occultations; Parallax; Physics; Planets; Satellites; Science; Sky (s); Solar physics (s); Solar system; Stars; Sun; Tides; Time; Transits; Universe; Uranography (s); Zodiac

Refer from Atlases; Star atlases (s); Stars

Refer from Aberration; Astronomical instruments; Azimuth; Eclipses; Geodesy; Latitude and longitude; Least squares; Nautical astronomy; Nutation; Occultations; Parallax; Refraction; Spherical astronomy (s); Time

Refer from Astronomy; Solar physics (s); Stars; Sun

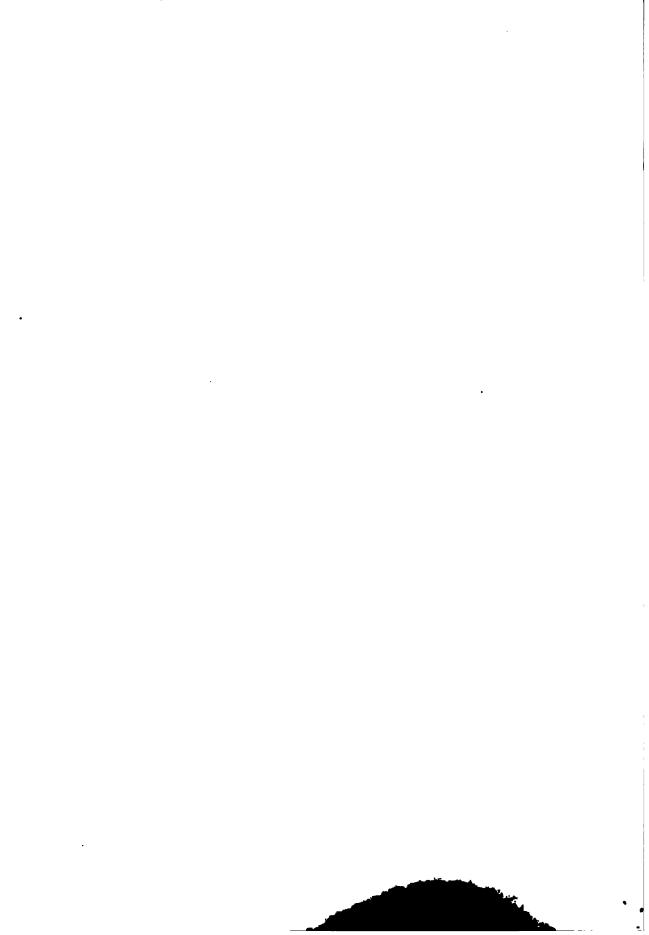
Refer from Church and state; Church law; Extradition; International law; Law; Right

Refer from Almshouses; Charities; Homes (institutions) (s); Hospitals; Institutions, Charitable and philanthropic (s); Poor

Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds; Trinity

Refer from Agnosticism; Deism; God; Natural religion; Philosophy; Religion; Skepticism; Theism

Refer from Amusements; College athletics; Games; Gymnastics; Physical education; Physical training (s); Play; Sports; Track athletics; Training



Atlantic cable see Cables, Submarine

Atlantic coast

See also names of states and localities of the Atlantic coast

Atlases

See also Astronomy — Atlases; Bible — Geography; Geography; Historical atlases; Maps; also names of countries, etc., subhead Description and travel — Maps Atlatl see Throwing sticks Atmosphere see Air; Meteorology Atmospheric electricity

See also Auroras; Lightning

Atmospheric nucleation

See also Condensation; Ionization of

Atomic theory

See also Atoms; Chemistry — History; Chemistry, Physical

Atomic weights

See also Chemistry, Physical; Periodic law

Atoms

See also Atomic theory; Atomic weights; Chemistry; Chemistry, Physical; Electrons; Ions; Matter; Molecules; Physics; Stereochemistry

Atonement

See also Jesus Christ

Attachment

See also Assignments; Liens

Attention

See also Observation; Psychology; Psychology, Educational

Attorneys see Agency; Lawyers Auctions Auditing

See also Accounting; Bookkeeping

Audition see Hearing
Audubon societies
Augury see Divination
Augurisinians
See also Monasticism

Auricular confession see Confession Aurora borealis see Auroras Auroras

See also Atmospheric electricity; Magnetism, Terrestrial

Auscultation

See also Diagnosis
Australian ballot
Austrian literature
See also German literature
Austrian succession, War of, 17

Austrian succession, War of, 1740-1748

See also Austria — History; Europe —
History — 1492-1789; France — History —

Refer from Geography; Maps

Refer from Air; Auroras; Electricity; Electricity, Atmospheric (s); Lightning; Meteorology

Refer from Air; Condensation; Meteorology; Nucleation, Atmospheric (s)

Refer from Atoms; Chemistry; Chemistry — History; Chemistry, Physical; Matter

Refer from Atoms; Chemical elements; Chemistry; Chemistry, Physical

Refer from Atomic theory; Chemistry; Chemistry, Physical; Matter; Molecules; Physics; Stereochemistry

Refer from Jesus Christ; Jesus Christ — Atonement (s); Sacrifice; Salvation; Theology

Refer from Assignments; Commercial law; Garnishment (s); Law; Liens; Property

Refer from Apperception; Concentration (s); Memory; Mental discipline; Psychology; Psychology, Educational; Thought and thinking

Refer from Business; Commerce; Sale

Refer from Accounting; Bookkeeping; Business; Commercial law; Finance

Refer from Birds - Protection

Refer from Monasticism; St. Augustine, Order of (s)

Refer from Atmospheric electricity; Aurora borealis (s); Magnetism, Terrestrial; Meteorology; Northern lights (s); Polar light (s); Zodiacal light

Refer from Chest; Diagnosis; Heart; Lungs Refer from Ballot; Elections

Refer from German literature

Refer from Austria — History; Europe — History — 1492-1789; France — History —

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Bourbons; Germany — History — 1740-1815; Italy — History — 1559-1789; Spain — History — 1700-

Authority (in religion)

See also Belief; Bible — Evidences and authority; Catholic church — Authority; Faith; Popes — Authority and supremacy

Authors

See also Anonyms; Authorship; Bibliography; Copyright; Dramatists; Essayists; Historians; Humorists; Literature; Naturalists; Novelists; Poets; Pseudonyms; Scientists; Women as authors

----American

See also American literature; Poets, American

America

See also Authors; Book dedication; Collaboration; Copyright; Journalism; Plagiarism; Plots (drama, novel, etc.); Short stories; Versification

Autobiography

Autoboats see Motor boats Autocars see Automobiles Autographs See also Manuscripts

Automatism

Sec also Consciousness

Automobile racing

Automobile stories

Automobile touring

#### **Automobiles**

See also Automobile racing; Automobile stories; Automobile touring; Garages; Motor cycles; Motors; Speed; Tires

Automobiling see Automobile touring; Automobiles
Autopsy

Autosuggestion see Suggestion

Autumn

See also Seasons Autumnal catarrh see Hay Fever

**Auxiliary schools** 

See also Children, Abnormal and backward; Defectives

Avalanches

See also Landslides; Mountains

Avarice

See also Egoism; Misers

Avesta

See also Parsees; Zoroastrianism

Aviation see Aeronautics

Bourbons; Germany — History — 1740-1815; Italy — History — 1559-1789; Spain — History — 1700-; War of the Austrian succession (s)

Refer from Belief; Religion; Religious authority (s); Theology

Refer from Authorship; Biography; Dramatists; Essayists; Historians; Humorists; Literary men (s); Literature; Novelists; Poets; Writers (s)

Refer from American authors (s); American literature; U. S. — Biography

Refer from Authors; Copyright; Journalism; Literature; Writing; Writing for the press (s)

Refer from Biography; History; Memoirs (s)

Refer from Biography; Collectors and collecting; Handwriting (s); Signatures (s); Writing

Refer from Animal intelligence; Consciousness; Psychology

Refer from Automobiles; Racing (s); Sports

Refer from Automobiles; Fiction
Refer from Automobiles; Automobiling (s);
Motoring (s); Voyages and travels

Refer from Autocars (s); Automobiling (s); Carriages; Cars; Electric carriages (s); Horseless carriages (s); Locomotion; Manufactures; Motor carriages (s); Motor vehicles (s); Motoring (s); Motors; Tires; Transportation; Vehicles

Refer from Anatomy; Death; Dissection; Medical jurisprudence; Medicine; Pathology; Post-mortem examinations (s); Surgery

Refer from Fall (s); Seasons

Refer from Children, Abnormal and backward; Defectives; Education; Schools

Refer from Landslides; Mountains; Snow

Refer from Conduct of life; Covetousness (s); Egoism; Ethics; Misers

Refer from Parsees; Persian literature; Sacred books; Zend-Avesta (s); Zoroastrianism

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Aviators see Aeronauts Awards see Arbitration and award Axioms

See also Geometry

See also Bearings (machinery); Wheels Azimuth

See also Astronomy, Spherical and practical

Aztecs

See also Indians of Mexico; Mexico -Antiquities; Toltecs

Babies see Infants

Babism

See also Mohammedanism

Baby see Infants Babylonian literature see Assyro-Babylonian literature Baccalaureate sermons see College sermons Bachelors Bachelor's degrees see Degrees, Academic Bacilli see Bacteriology; Germ theory of disease

Backbone see Spine Backgammon

Backward children see Children, Abnormal and backward

Bacon-Shakespeare controversy see Shakespeare, William - Authorship Bacon's rebellion, 1676

See also U. S .- History - Colonial period; Virginia — History

Bacteria see Bacteriology

**Bacteriology** 

See also Dairy bacteriology; Dust; Fermentation; Germ theory of disease; Immunity; Microscope and microscopy; Putrefaction; Soil bacteriology; Water -Analysis

-Agricultural

See also Dairy bacteriology; Nitrifica-tion; Plants — Diseases; Soil bacteriology; also names of crops, subhead Diseases and pests, e.g. Fruit - Diseases and pests

Badges of honor see Decorations of honor; Insignia; Medals

Baggage

See also Packing for shipment

Bagpipes

See also Music - Scotland; Wind instruments

Bahaism see Babism

Bail

See also Arrest; Guaranties and sureties

Bailments

See also Agency; Baggage; Carriers; Commercial law; Liens; Negligence; Pawnbroking; Warehouses Bakers and bakeries

See also Baking

Refer from Geometry; Mathematics; Philosophy; Truth

Refer from Wheels

Refer from Astronomy; Astronomy, Spherical and practical; Geodesy

Refer from Indians of Mexico; Mexico -Antiquities; Toltecs

Refer from Bahaism (s); Behaism (s); Mohammedanism; Religions

Refer from Celibacy; Men

Refer from Games

Refer from U. S .- History - Colonial period; Virginia - History

Refer from Bacilli (s); Bacteria (s); Biology; Botany; Contagion and contagious diseases; Disease germs (s); Dust; Fermentation; Fungi; Germ theory of disease; Germs (s); Medicine; Microbes (s); Micro-organisms (s); Microscope and microscopy; Parasites; Pathology; Putrefaction; Water - Analysis

Refer from Agricultural bacteriology (s); Agriculture; Dairy bacteriology; Plants— Diseases; Soil bacteriology; Soils

Refer from Bailments; Carriers; Luggage (s); Railroads — Baggage (s); Travel

Refer from Music - Scotland; Wind instruments

Refer from Arrest; Criminal law; Guaranties and sureties; Law

Refer from Agency; Carriers; Commercial law; Contracts; Guaranties and sureties; Law; Negligence; Pawnbroking; Warehouses

Refer from Baking; Food

Visit the gran

Baking

See also Bakers and bakeries; Bread; Cake; Cookery; Ovens; Pastry

Baking powder

Balance of power

See also Eastern question (Near East); Europe — Politics; International relations Balance of trade

See also Commerce; Tariff; Tariff question

**Baldness** 

See also Hair

Balkan question see Eastern question (Near East) Ball see Baseball; Basket-ball; Cricket;

Football; Handball

Ball bearings see Bearings (machinery)

See also Chapbooks; Folk songs; Legends; Lyric poetry; Poetry; Songs

-----American

See also American poetry; Ballads, English; Songs, American

----English

See also Ballads, American; Ballads, Irish; Ballads, Scottish; English poetry; Songs, English

---Irish

See also Ballads, English; Irish poetry; Songs, Irish

——Scottish

See also Ballads, English; Scottish poetry; Songs, Scottish

Ballet

See also Dancing; Pantomime

**Ballistics** 

See also Gunnery; Ordnance; Photochronograph; Projectiles; Shooting

Balloonists see Aeronauts

Balloons

See also Aeronautics; Airships
——Dirigible, see Airships

Pallot

Ballot

See also Australian ballot; Elections; Suffrage; Voting machines

Balls (parties)

See also Cotillion; Dancing; Masquerades

Balustrades see Railings

Bamboo

Bandages and bandaging

See also First aid in illness and injury; Surgery

Bandaging see Bandages and bandaging Banditti see Brigands and robbers Bands (music)

See also Conducting (music); Instrumentation and orchestration; Military music; Orchestras; Wind instruments

Refer from Bakers and bakeries; Bread; Cake; Cookery; Ovens; Pastry Refer from Chemistry, Technical; Cookery

Refer from Eastern question (Near East); Europe — Politics; International relations

Refer from Commerce; Economics; Exchange; Tariff; Tariff question; Trade, Balance of (s)

Refer from Hair; Head,

Refer from Carols; Chapbooks; Folk songs; Legends; Literature; Lyric poetry; Poetry; Songs

Refer from American ballads (s); American literature; American poetry; American songs (s); Ballads, English; Songs, American

Refer from Ballads, American; Ballads, Irish; Ballads, Scottish; English ballads (s); English literature; English poetry; English songs (s); Songs, English

Refer from Ballads, English; Irish ballads (s); Irish literature; Irish poetry; Irish songs (s); Songs, Irish

Refer from Ballads, English; Scotch ballads (s); Scottish ballads (s); Scottish literature; Scottish poetry; Scottish songs (s); Songs, Scottish

Refer from Dancing; Pantomime; Theater

Refer from Gunnery; Ordnance; Photochronograph; Projectiles; Shooting

Refer from Aeronautics; Airships

Refer from Elections; Government; Politics; Short ballot (s); Suffrage; Voting (s)

Refer from Amusements; Cotillion; Dancing; Entertaining; Masquerades; Parties (s)

Refer from Furniture; Grasses; Woodwork

Refer from Bandaging (s); First aid in illness and injury; Surgery

Refer from Conducting (music); Instrumental music; Military music; Music; Orchestras; Wind instruments

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Bandy see Hockey Banishment see Exile; Penal colonies Bank deposit guaranty see Banks and banking Bank notes

Bankers

Bankruptcy See also Assignments; Commercial law; Debt; Receivers

Banks and banking

Banks and banking
See also Agricultural credit; Bank notes;
Bankers; Building and loan associations;
Checks; Clearing houses; Credit; Discount; Economics; Exchange; Finance;
Foreign exchange; Interest; Land banks;
Money; National banks; Pawnbroking;
Postal savings banks; Savings banks; School
savings banks; Stock exchange; Stocks;
Trust companies; Vaults; also names of cities, subhead Banks Guaranty of deposits

Banking see Banks and banking , to

-Law (: L -Ū. S.

S- hatt See also National banks
Substitution
Banners see Flags

Banquets see Dinners and dining

See also Baptismal fonts; Baptists; Close communion; Jesus Christ — Baptism; Regeneration (theology); Sacraments

-Infants

See also Infant salvation; Predestination

**Baptismal** fonts

See also Church furniture

**Baptists** 

See also Anabaptists; Baptism; Close communion; Congregationalism; German Baptist brethren; Mennonites; Seventhday Baptists

Bar see Lawyers Barbarian invasions of Rome

See also Goths; Huns; Italy -History -To 1559; Migration of nations; Rome — History — Empire; Vandals

Barbary corsairs see Pirates Barbed wire see Fence wire Barbizon school See also Painting, French

See also Celtic literature; Meistersingers; Minnesingers; Minstrels; Troubadours; Trouvères

See also Banks and banking; Counterfeits; Legal tender; Parameters feits; Engraving; Money; National bank
ankers
anking see Banks and banking; CounterRefer from Banks and banking; Counterfeits; Engraving; Money; National bank
anking see Banks and banking; Biography
anking see Banks and banking; CounterRefer from Banks and banking; Biography
anking see Banks and banking; Biography
anking see Banks and banking; Biography

Refer from Assignments; Commerce; Commercial law; Corporations; Debt; Failure (in business) (s); Finance; Insolvency (s); Law; Partnership; Receivers

Refer from Agricultural banks (s); Bank notes; Banking (s); Bills of credit (s); Bills of exchange (s); Bimetallism; Capital; Checks; Clearing houses; Commerce; Credit; Discount; Economics; Finance; Government banking (s); Interest; Investments; Land banks; Money; National banks; Paper money; Savings banks; Stock exchange; Trust companies; Wealth

Refer from Bank deposit guaranty (s); Guaranty of bank deposits (s) Refer from Commercial law

Refer from Money — U. S.; National banks; State banks (s); U. S. — Banks (s)

Refer from Baptists; Christening (s); Christian antiquities; Church membership; Church polity; Immersion, Baptismal (s); Regeneration (theology); Rites and ceremonies; Sacraments; Theology

Refer from Infant baptism (s); Infant salvation

Refer from Baptism; Church furniture; Fonts (s)

Refer from Anabaptists; Baptism; Close communion; Congregationalism; Sects

Refer from Goths; Huns; Italy - History -To 1559; Invasions of Rome, Barbarian (s); Migration of nations; Rome — History — Empire; Vandals

Refer from Landscape painting; Painting,

Refer from Celtic literature; Minstrels; Poetry; Poets

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Rark

See also Botany, Structural; Trees; Wood Barley

See also Grain

Barns and stables

See also Farm buildings; Garages; Horse

Barometer

See also Meteorological instruments

Baronage see Peerage Baronetage see Peerage Barons' war, 1263-1267

See also England - History - Plantagenets

Barracks

See also Military architecture Barrels see Cooperage Barristers see Lawyers Barrows see Mounds and mound builders Bartholomew, St., Massacre of, see St. Bartholomew's day, Massacre of Bas-relief

See also Carving (art industries); Sarcophagi; Sculpture; Wood carving
Baseball

See also College athletics

Basilicas

See also Architecture; Church architecture Basket-ball

See also College athletics

Basket making see Basketwork Basketry see Basketwork Basketwork

See also Indians - Industries

### Basques

Bat see Bats Bathing see Baths and bathing Baths, Public

Baths and bathing

See also Baths, Public; Diving; Hydrotherapy; Swimming

Batrachia see Amphibia

See also Mammals

Batteries (electric) see Electric batteries; Storage batteries Batteries (military) see Artillery Battle, Wager of, see Wager of battle Battle cries Battle-ships see Warships Battle-songs see War songs Battlefield relief

See also First aid in illness and injury; Hospitals, Military; Medicine, Military; Military hygiene; Red cross; Surgery, Military

Refer from Botany, Structural; Trees; Wood

Refer from Grain

Refer from Architecture; Cattle; Domestic animals; Farm buildings; Horse; Live stock; Stables (s)

Refer from Air; Aneroid barometer (s); Meteorological instruments; Physics; Surveying instruments

Refer from England - History - Plantagenets

. Refer from Military architecture

Refer from Carving (art industries); Decoration and ornament; Sculpture

Refer from Ball (s); College athletics; Games; School athletics

Refer from Architecture; Church architecture

Refer from Ball (s); College athletics; Games; School athletics

Refer from Arts and crafts; Basket making (s); Basketry (s); Domestic arts; Indians — Industries; Manual training; Weaving Refer from Ethnology — France; Ethnology — Spain; France — History

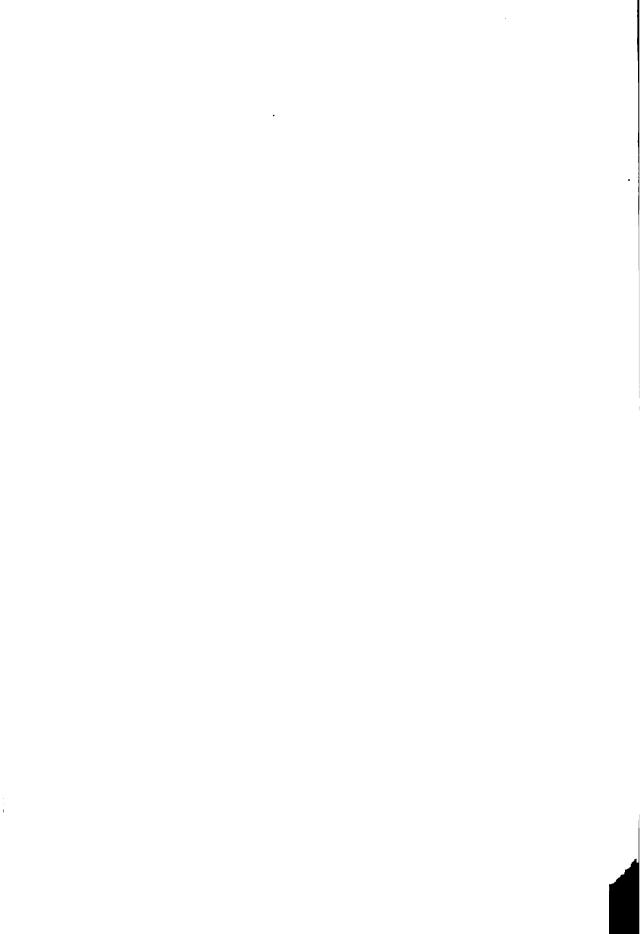
Refer from Architecture; Baths and bathing; Municipal improvement; Public baths (s)

Refer from Archaeology; Bathing (s); Cleanliness; Hydrotherapy; Hygiene; Sea bathing (s); Seashore; Swimming; Therapeutics; Toilet; Turkish baths (s); Water

Refer from Bat (s); Cheiroptera (s); Chiroptera (s); Mammals

Refer from Cries (s); War cries (s); Yells

Refer from First aid in illness and injury; Hospitals, Military; Medicine, Military; Military hygiene; Red cross; Relief work (s); Surgery, Military



Battles

See also Imaginary wars and battles; Massacres; Military history; Naval battles; Sieges; also names of battles, e.g. Gettys-burg, Battle of; Waterloo, Battle of; and names of generals, wars, etc.

Battleships see Warships

Bayeux tapestry **Bayonets** 

See also Arms and armor

Bays and gulfs

Beaches

See also Dunes; Physical geography; Seashore

Beacons

See also Lighthouses

Beads

See also Beadwork; Rosary; Wampum Beadwork

See also Beads; Indians - Industries

Beams see Girders Bear see Bears Bearing reins see Checkreins Bearings (machinery)

See also Friction; Lubrication and lubricants; Machine design

Bears

See also Carnivora

Beasts see Animals; Bestiaries; Domestic animals; Zoology

Beasts of prey see Carnivora

Beatitudes

See also Bible - New Testament -Matthew; Sermon on the mount

Beautiful, The, see Esthetics

Beauty see Beauty, Personal; Esthetics Beauty, Personal See also Cosmetics; Costume; Hair;

Hand; Skin; Teeth; Toilet

Beaux see Dandies Becquerel rays see Radioactivity **Bedouins** 

See also Arabia; Arabs; Nomads

Beds

See also Furniture

Bee see Bees

Beef

See also Meat; Packing industry Beer

See also Ale; Brewing; Liquors; Malt

Bees

See also Honey; Hymenoptera; Wax

Beet see Beets and beet sugar Beet sugar see Beets and beet sugar Beetles

See also Insects; Scarabs; Weevils

Beets and beet sugar

See also Sugar; Vegetables

Refer from History; Military art and science; Military history; Naval battles; Sieges; War

Refer from Tapestry

Refer from Arms and armor; Guns Refer from Gulfs (8); Physical geography

Refer from Geology; Physical geography; Seashore

Refer from Life-saving; Lighthouses; Navigation; Signals

Refer from Beadwork; Jewelry

Refer from Arts and crafts; Beads; Fancy work; Indians — Industries; Needlework; Weaving

Refer from Axles; Ball bearings (s); Friction; Journals (machinery) (s); Lubrication and lubricants; Machine design; Machinery

Refer from Bear (8); Carnivora; Hunting; Ursidae (s)

Refer from Bible; Bible - New Testament - Matthew; Sermon on the mount

Refer from Beauty (s); Complexion (s); Cosmetics; Face; Hygiene; Personal beauty (s); Toilet; Women

Refer from Arabia; Arabs; Nomads

Refer from Furniture

Refer from Cattle; Meat; Packing industry

Refer from Ale; Brewing; Liquors; Malt

Refer from Agriculture; Apiaries (s); Apiculture (s); Bee (s); Honey; Hymenoptera

Refer from Coleoptera (s); Insects; Insects, Injurious and beneficial; Weevils

Refer from Beet (s); Beet sugar (s); Sugar; Sugar beet (s); Vegetables

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Begging

See also Charity; Poor; Tramps Behaism see Babism Behavior see Conduct of life; Etiquet Being

See also Metaphysics; Reality

Belgian hares

See also Hares

**Belief** 

See also Agnosticism; Authority (in religion); Certainty; Creeds; Faith; Rationalism; Religions; Sects; Skepticism; Truth

Bell buoys see Buoys Bell founding see Bells Belles-lettres see Literature Bells

See also Chimes and chiming; Electric bells

**Belting** 

See also Machine design; Power transmission; Pulleys; Rope driving; Shafting

Benedictines

See also Cistercians; Monasticism Benefit of clergy

Benefit societies

See also Building and loan associations; Insurance, Industrial; Insurance, Life; Labor unions; Odd Fellows; Secret societies

Benevolence see Altruism; Charity; Philanthropy; Poor Benevolent societies see Benefit societies; Charitable societies

Bengali language

See also Indo-Aryan languages
Bequests see Gifts; Inheritance; Legacies;
Wills

Berbers

See also Barbary States; Hamites

**Berries** 

See also Fruit; also names of berries, e.g. Strawberries

Bertillon system

See also Anthropometry; Finger prints; Identification

Bessemer process See also Steel

Best books see Books and reading — Best books

**Bestiaries** 

See also Animal lore

Béton see Concrete Betterment, Industrial, see Industrial betterment Refer from Mendicity (s); Poor; Tramps

Refer from Infinite; Metaphysics; Ontology (s); Philosophy; Reality

Refer from Hares; Rabbits

Refer from Authority (in religion); Certainty; Conviction (s); Doubt (s); Faith; Intellect; Knowledge; Metaphysics; Opinion (s); Philosophy; Psychology; Religion; Religious belief (s); Theology; Truth

Refer from Archaeology; Bell founding (s); Campanology (s); Chimes and chiming; Church bells (s); Ringing (s)

Refer from Chain belting (s); Machine design; Machinery; Power transmission; Pulleys; Rope driving; Shafting

Refer from Cistercians; Monasticism Refer from Church law; Church polity; Clergy; Law

Refer from Benevolent societies (s); Building and loan associations; Cooperation; Fraternal insurance (s); Fraternities, Benevolent (s); Friendly societies (s); Insurance; Insurance. Fraternal (s); Insurance, Industrial; Insurance. Life; Labor and laboring classes; Labor unions; Mutual aid societies (s); Mutual benefit societies (s); Secret societies; Societies; Thrift

Refer from Indo-Aryan languages

Refer from Barbary States; Ethnology — Africa; Hamites

Refer from Fruit; Small fruit (s); Straw-

Refer from Anthropometry; Crime and criminals; Finger prints; Identification

Refer from Steel

Refer from Animal lore; Beasts (s); Fables; Literature

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Betterments see Real estate; Single tax; Unearned increment

**Betting** 

See also Gambling; Probabilities

Bevel gearing see Gearing

Beverages

See also Chocolate; Cider; Cocoa; Coffee; Drinking customs; Food; Liquors, and names of liquors; Milk; Mineral waters; Stimulants; Tea; Temperance; Water

Bezique

See also Cards Bhang see Hashish Bible

Text, arranged alphabetically by lan-guage, the English translations arranged chronologically

-Selections [from both Old and New Testaments]

Bible [as subject]

See also Angels; Apostles; Beatitudes; Bible and science; Bible in the schools; Bible societies; Christianity; Church history; Commandments; Creation; Deluge; Fall of man; God; Jesus Christ; Jews; Lord's prayer; Miracles; Parables; Patriarchs; Prophets; Religion and science; Revelation; Saints; Sermon on the mount; Theology
—Animals, see Bible — Natural history

-Antiquities

See also Bible — History; Christian antiquities; Jews — Antiquities; Palestine - Antiquities

-Astronomy

-Authenticity, see Bible — Evidences and authority

-Authorship, see Bible — Evidences and authority

-Bibliography

See also Bible - Manuscripts; Bible -Versions

-Biography

See also Bible - History; Saints

-Birds, see Bible — Natural history -Botany, see Bible — Natural history

-Canon

See also Bible - Evidences and authority; Bible - Inspiration

-Catechisms, see Bible — Question books; Catechisms

-Chronology

See also Bible - History

Coins, see Bible - Numismatics

-Colportage, see Bible - Publication and distribution

Commentaries [with or without text. Commentaries with text should be entered also with texts of the Bible] See also Bible - Criticism and interpretation; also names of separate books and parts of the Bible

Refer from Book-making (betting) (s); Bookmaking (betting) (s); Gambling; Sports; Wagers (s)

Refer from Chocolate; Cider; Cocoa; Coffee; Diet; Drinks (s); Food; Liquors; Manufactures; Mineral waters; Stimulants; Tea; Temperance

Refer from Cards

Refer from Christianity; Church history; God; Holy Scriptures (s); Jesus Christ; Jewish literature; Jews; Religion; Revelation; Sacred books; Scriptures (s); Theology

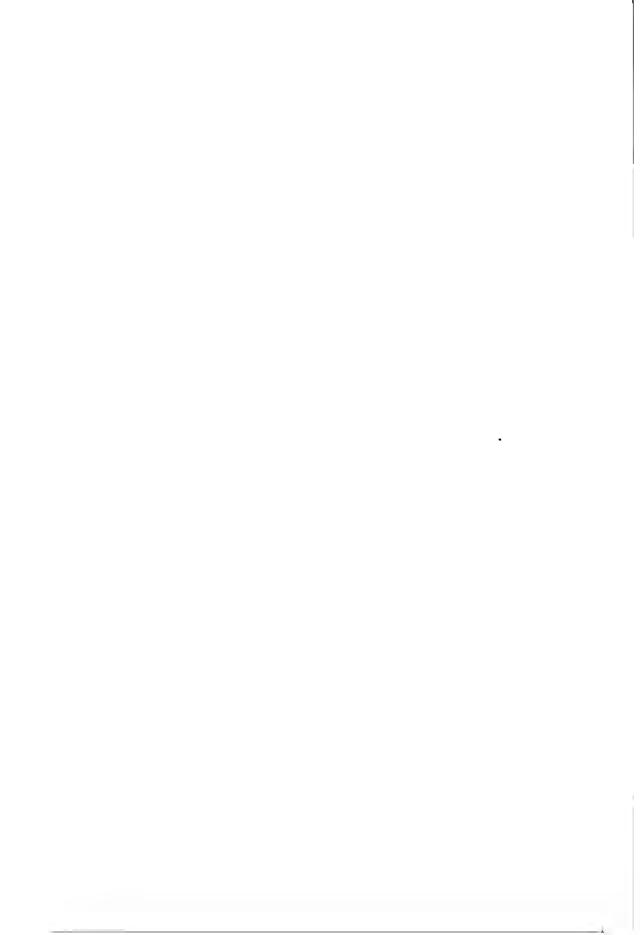
Refer from Archaeology; Bible — History; Biblical archaeology (s); Christian antiquities; Jews — Antiquities; Palestine — Antiquities Refer from Astronomy; Bible - Science

Refer from Bible - History; Biography; Saints

Refer from Bible - Criticism and interpretation; Bible — Evidences and aus Bible — Inspiration; Canon (Bible) (s) Bible - Evidences and authority;

Refer from Bible — History; Chronology, Biblical (s): Chronology, Historical

Refer from Bible - Criticism and interpretation; Commentaries (s)



Bible — Continued	
	Refer from Concordances (s)
authority ——Criticism and interpretation	
See also Bible — Canon; Bible — Commentaries; Bible — Evidences and authority; Modernism	Refer from Bible — Commentaries; Bible — Hermeneutics (s); Bible — Higher criticism (s); Bible — Interpretation (s); Bible — Tex- tual criticism (s); Criticism; Exegesis (s); Hermeneutics (s); Higher criticism (s)
Dictionaries	(2)
Distribution, see Bible — Publication and distributionEditions, see Bible — Versions	
Ethnology	D / / Ed 1 T Ed 1
See also Hittites; Jews — Ethnology; Jews — Lost tribes ——Evidences and authority	Refer from Ethnology; Jews — Ethnology
See also Bible — Canon; Bible — Inspiration; Christianity — Evidences	Refer from Authority (in religion); Bible — Authenticity (s); Bible — Authorship (s); Bible — Canon; Bible — Credibility (s); Bible — Criticism and interpretation; Bible — Inspiration; Christianity — Evidences; Evidences of the Bible (s)
Geography	
See also Palestine — Description and travel	Refer from Atlases; Geography, Ancient; Geography, Biblical (s); Palestine — Description and travel
Hermeneutics, see Bible Criticism and interpretationHigher criticism, see Bible Criticism	•
and interpretation	Palas from Pible Antiquities, Pible
History  See also Bible — Antiquities; Bible — Biography; Bible — Chronology; Bible — Stories; Bible — Old Testament — Historical books; Jews — History; Palestine — History. For history of editions and versions see Bible — Versions — Illustrations, see Bible — Pictorial illustrations	Refer from Bible — Antiquities; Bible — Biography; Bible — Chronology; History, Ancient; Jews — History; Palestine — History; Sacred history (s)
Inspiration	Dates from Pible Conner Pible Fui
See also Bible — Canon; Bible — Evidences and authority ——Interpretation, see Bible — Criticism and	Refer from Bible — Canon; Bible — Evidences and authority; Inspiration
interpretation ——Introductions	
Language, style, etc., see Bible — Literary character	
——Literary character	Refer from Bible — Language, style, etc. (s); Bible — Poetry (s); Bible as literature (s); Literature
-Literary history, see Bible - Versions	
Manuscripts	Refer from Bible — Bibliography; Bible — Versions
——Medicine, hygiene, etc. ——Miscellaneous	Refer from Hygiene; Medicine
Money, see Bible Numismatics	
—— <b>Music</b> See also Music — Jews	Refer from Church music; Music; Music -
Natural history	Jews Refer from Bible — Animals (s); Bible — Birds (s); Bible — Botany (s); Bible — Science;
Numismatics	Botany of the Bible (s); Natural history Refer from Bible — Coins (s); Bible — Mon- ey (s); Numismatics
3	8



Bible — Continued	
ParaphrasesPictorial illustrations	
See also Names of Bible characters and	Refer from Bible - Illustrations (s); Chris-
Biblical subjects, e.g. Jesus Christ in art	tian art and symbolism
——Poetry see Bible — Old Testament —Poet- ical books; Bible — Literary character	
Prophecies	
See also Bible — Old Testament —	Refer from Prophecies; Prophets
Prophetical books; Prophets	
Psychology	Refer from Biblical psychology (s); Psy-
Dublication and distribution	chology, Biblical (s)
——Publication and distribution  See also Bible societies	Refer from Bible - Colportage (s); Bible -
<b>300 m/0 2000</b> 00000000	Distribution (s); Bible houses (s); Bible
	societies; Colportage (s); Missions; Tract
Question books	societies
See also Catechisms	Refer from Bible - Catechisms (s); Cate-
	chisms; Sunday school lessons
	Refer from Bible - Versions; Revision of
See and Bible — Versions	the Bible (s)
Science	
See also Bible — Astronomy; Bible — Natural history	
Stories	Refer from Bible - History; Bible stories (s)
Study and teaching	
See also Sunday school lessons; Sunday schools	Refer from Bible classes (s); Bible study (s); Religious education Sunday school lessons;
schools	Sunday schools
Textual criticism, see Bible Criticism	•
and interpretation	
Theology, see TheologyTranslations, see Bible Versions	
Versions	<b>5.4</b> . <b>5.4. 5.4.</b> . 5
See also Bible — Manuscripts; Bible — Revision	Refer from Bible — Bibliography; Bible — Editions (s); Bible — History; Bible — Lit-
NCV151011	erary history (s); Bible — Revision; Bible —
	Translations (s)
Subdivided like the Rible. The books are	
Subdivided like the Bible. The books are arranged here in canonical order, in accord-	
ance with the A. L. A. rule. Alphabetical	
arrangement under Bible — Old Testament	
and Bible — New Testament may be adopted by libraries which find it more	
convenient. Reference should be made	
from the name of each book in the main	
alphabet See also Talmud	Refer from Hebrew literature; Jews - Re-
	ligion; Old Testament (s)
Historical books	Refer from Bible — History
Octateuch	Refer from Octateuch (8)
Hexateuch	Refer from Hexateuch (s)
PentateuchPoetical books	Refer from Pentateuch (s)
Poetical books	Refer from Bible — Poetry (8); Hebrew poetry
Prophetical books	Refer from Bible - Prophecies
Genesis  See also Creation: Delugar Edan	Palan from Creation: Dalmas, Eder F.II
See also Creation; Deluge; Eden; Fall of man; Patriarchs	Refer from Creation; Deluge; Eden; Fall of man; Patriarchs
Exodus	
See also Commandments	Refer from Commandments

Bible - Old Testament - Continued	
——Leviticus	
See also Mannia law	Refer from Mosaic law
NumbersDeuteronomy	• •
——Deuteronomy	
See also Mosaic law	Refer from Mosaic law
Joshua	
——Judges	
Samuel T. 2	
Kings 1, 2	
Chronicles 1, 2	
Ezra	
Nehemiah	
See also Mosaic law  Joshua  Judges  Ruth  Samuel 1, 2  Kings 1, 2  Chronicles 1, 2  Ezra  Nehemiah  Esther  Job  Psalms  Proverbs  Ecclesiastes  Song of Solomon	
———Jou	Refer from Psalmody (s); Psalter (s)
Proverbs	Refer from Proverbs
Ecclesiastes	2.0,0.7,0 2.10.10.00
Song of Solomon Isaiah	Refer from Canticles (s)
lsaiah	
———Jeremiah	
LamentationsEzekielDaniel	
Hosea	
——— Joel	
Amos	
——Hosea ——Joel ——Amos ——Obadiah	
Jonah Micah	
Nahum Habakkuk Zephaniah	•
Zephaniah	
——Haggai ——Zechariah ——Malachi	
Zechariah	
Malachi	
Apocrypha	Refer from Apocrypha (s)
Esdras Tobit	
Iudith	
Wisdom of Solomon	
Ecclesiasticus	
Song of the three children  Susanna  Bel and the dragon  Prayer of Manasses  Maccabees 1, 2, 3, 4  Other apocryphal books in alphabetic	
Praver of Manasses	
———Maccabees 1, 2, 3, 4	
Other apocryphal books in alphabetic	
order, as Adam, Enoch, Jasher	
Bible — New Testament [see note under Old	
Testament	Refer from Apostles; Church history -
See also Apostles; Church history — Early church — Apostolic; Jesus Christ	Early church — Apostolic; Evangelists (s);
Gospels	Iesus Christ: New Testament (s)
See also Jesus Christ; Jesus Christ —	Jesus Christ; New Testament (s)  Refer from Gospels (s); Jesus Christ—
Teaching; Parables	Teaching; Parables; Synoptic Gospels (s)
Harmonies	Refer from Harmony of the Gospels (s)
	Refer from Pauline epistles (s)
See also Beatitudes; Lord's prayer;	Refer from Beatitudes; Lord's prayer;
Sermon on the mount	Sermon on the mount
Mark	
Luke	D ( ( ) 1
See also Lord's prayer	Refer from Lord's prayer

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Bible - New Testament - Continued John Acts Romans Corinthians 1, 2 Galatians **Ephesians** -Philippians Colossians Thessalonians 1, 2 Timothy 1, 2 Titus -Philemon Hebrews James Peter 1, 2 Epistles of John Tude Revelation See also Apocalyptic literature

-Apocryphal books
See also Apostolic constitut ons

## Bible and science

See also Religion and science

Bible as literature see Bible — Literary character
Bible classes see Bible — Study and teaching;
Sunday schools
Bible houses see Bible — Publication and distribution
Bible in the schools

See also Church and education; Public schools and religion

### Bible societies

See also Bible — Publication and distribution
Bible stories see Bible — Stories
Bible study see Bible — Study and teaching
Biblical archaeology see Bible — Antiquities
Biblical psychology see Bible — Psychology
Biblical theology see Theology
Bibliography

See also Anonyms; Archives; Block books; Book collecting; Book rarities; Bookbinding; Bookplates; Books; Books and reading; Cataloging; Catalogs; Catalogs, Library; Classification; Errors and blunders; Literary; Incunabula; Indexes; Indexing; Libraries; Literature; Manuscripts; Periodicals — Indexes; Pseudonyms; Reference books; Titles of books; also names of literatures, as American literature, and names of persons, places and subjects, subhead Bibliography

Best books, see Books and reading —
Best books

Rare books, see Book rarities Bibliomania see Book collecting Bibliophily see Book collecting Bicycles and tricycles

See also Cycling; Motor cycles; Tires

Refer from Apocalypse (s); Apocalyptic literature

Refer from Apocryphal books (New Testament) (s); Church history — Early church

Refer from Bible; Geology and the Bible (s); Religion and science; Science and the Bible (s)

Refer from Bible; Church and education; Education; Public schools; Public schools and religion; Religious education

Refer from Bible; Bible — Publication and distribution; Societies

Refer from Authors; Books; Books and reading; Catalogs; Catalogs, Library; Libraries; Library science; Literary history (s); Literature

Refer from Cycling; Tricycles (s); Velocipedes (s)

Bicycling see Cycling
Big game see Game; Hunting
Bill-boards see Billposting
Bill-posting see Billposting
Billboards see Billposting
Billiards
Billiards

Billposting

See also Advertising; Posters

Bills of credit see Banks and banking; Credit;
Money; Paper money Doo
Bills of exchange see Banks and banking;

Credit; Exchange; Money; Paper money
Bills of fare see Menus

Bills of fare see M. Bimetallism

See also Banks and banking; Coinage; Finance; Gold (as money); Money; Precious metals; Silver (as money)

Binders see Harvesting machinery Binding see Bookbinding

Biograph see Moving pictures

Biography

See also Abolitionists; Actors; Aeronauts; Anecdotes; Archaeologists; Architects; Antest; Authors; Autobiography; Autobiographs; Bankers; Bible — Biography; Booksellers and bookselling; Brigands and robbers; Capitalists and financiers; Chancellors, Lord; Chief justices; Christian biography; Classical biography; Clergy — Biography; Classical biography; Clergy — Biography; Conjurors; Crime and criminals; Dentists; Diplomatic memoirs; Diplomats; Educators; Electricians; Emperors; Engineers; Engravers; Epitaphs; Executioners; Explorers; Genealogy; Governors; Heraldry; Hermits; Heroes; Historians; History; Humorists; Indians — Biography; Inventors; Judges; Kings and rulers; Lawyers; Librarians; Loyalists, American; Manufacturers; Mechanics (persons); Merchants; Military biography; Millionaires; Ministers of state; Musicians; Naturalists; Navalists; Navalists; Navalists; Navalists; Navalists; Navalists; Philosophers; Physicians and surgeons; Pilgrim fathers; Popes — Biography; Portraits; Presidents; Princes and princesses; Printers; Prophets; Queens and empresses; Reformers; Regicides; Scientists; Shoemakers; Statesmen; Table-talk; Tailors; Teachers; Thieves; Travelers; Women — Biography; also names of countries and cities, subhead Biography

Biological chemistry see Physiological chemis-

Biological laboratories

Biology

See also Acclimatization; Adaptation (biology); Anatomy; Bacteriology; Biological laboratories; Botany; Cells; Color of animals; Color of plants; Death; Ecology; Electrophysiology; Embryology; Enzymes; Evolution; Heredity; Hermaphroditism; Hybridization; Hygiene; Irritability; Karyokinesis; Life—Origin; Longevity; Marine

# Refer from Games

Refer from Advertising; Bill-boards (s); Bill-posting (s); Billboards (s); Municipal improvement; Posters

Refer from Coinage; Finance; Gold (as money); Joint standard (s); Money; Silver (as money)

Refer from Contemporaries (s); Genealogy; History; Lives (s); Memoirs (s)

## Refer from Biology; Laboratories

Refer from Botany; Cells; Death; Embryology; Evolution; Heredity; Life; Life — Origin; Morphology; Natural history; Philosophy; Physiology; Protoplasm; Regeneration (biology); Reproduction; Science; Zoology

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biology; Metabolism; Microscope and microscopy; Mimicry (biology); Morphology; Natural history; Parasites; Parthenogenesis; Physiology; Plankton; Protoplasm; Regeneration (biology); Reproduction; Sex; Species; Spontaneous generation; Variation (biology); Vitalism; Zoology Biomagnetism see Animal magnetism Bionomics see Ecology Bioplasm see Protoplasm Biplanes see Aeroplanes Bird day Bird-song see Birds - Song Birds

See also Bird day; Birds' eggs; Cage birds; Falconry; Feathers; Flight; Game birds; Nests; Poultry; Taxidermy; Vertebrates; Water birds; Wings; also names of birds, e.g. Canaries, Eagles, Ostriches, Parrots Piggons Poblins Sparrows. Parrots, Pigeons, Robins, Sparrows

-Fossil Migration

See also Animals - Migration

Protection

See also Audubon societies; Game laws; Game protection

-Song -Stories

-U. S.

## ----Useful and injurious

Birds and agriculture see Birds, Useful and injurious

Birds' eggs

See also Birds Birds' nests see Nests

Birth rate

See also Vital statistics

Birth records see Vital records

Birth stones

Birthday books

Birthdays

See also Anniversaries; Birthday books

**Bishops** 

See also Apostolic succession; Archbishops; Catholic church - Clergy; Church of England — Clergy; Church polity; Episcopacy; Methodist Episcopal church — Clergy; Ordination; Protestant Episcopal church in the U. S.— Clergy

Bison

See also Ungulata Bites, Venomous, see Venom Bitumen see Asphalt Bituminous coal see Coal

**Bivalves** 

See also Mollusks; Oysters

Black art see Witchcraft

Refer from Birds; Holidays

Refer from Animals; Birds' eggs; Canaries; Eagles; Flight; Nature study; Nests; Ornithology (s); Ostriches; Parrots; Pigeons; Robins; Sparrows; Vertebrates; Water birds; Wings; Zoology

Refer from Paleontology

Refer from Animals - Migration; Migration of birds (s)

Refer from Protection of birds (s)

Refer from Bird-song (s); Song of birds (s) Refer from Animals — Stories Refer from U. S.— Birds (s); U. S.— Ornithology (s); Zoology — U. S.

Refer from Agricultural pests; Agriculture;

Birds and agriculture (s); Zoology, Economic

Refer from Birds; Eggs; Nests; Oology (s)

Refer from Children; Population; Vital statistics

Refer from Charms; Natal stones (8); Precious stones Refer from Birthdays

Refer from Anniversaries; Days

Refer from Apostolic succession; Archbishops; Catholic church — Biography; Catholic church — Clergy; Christian biography; Church of England — Biography; Church of England — Clergy; Episcopacy; Methodist Episcopal church; Protestant Episcopal church in the U. S.— Clergy.

Refer from Buffalo, American (s); Ungulata

Refer from Acephala (s); Lamellibranchiata (s); Mollusks; Oysters



#### Black death

See also London - Epidemics; Plague

Black Hawk war, 1832

See also Illinois - History; Indians -Wars; U. S.— History — 1815-1861 Black lead see Graphite

**Blackfoot Indians** 

See also Algonquian Indians

Blacking Blacklisting

See also Boycott; Employers' associations

Blacksmithing

See also Forging; Horseshoeing; Ironwork; Welding

Blankets

See also Indians - Industries

Blast furnaces

See also Blowing engines; Cast iron; Cupola furnaces; Slag

Blasting

See also Explosives; Mines, Military; Mining engineering; Quarries and quarrying

Bleaching

See also Cleaning; Drying; Dyes and dyeing Bleeding see Bloodletting; Hemorrhage

Blind See also Color blindness; Defectives

#### -Asylums and education

-Books for the

Blindness see Blind Blizzards see Storms

Block books

See also Printing; Wood engraving

Block signal system see Railroads — Signals Blockade

See also International law; Neutrality

See also Arteries; Blood vessels; Bloodletting; Heart; Hemorrhage; Physiological chemistry; Physiology; Sphygmograph; Veins

**Blood vessels** 

See also Arteries; Blood; Heart; Vascular system; Veins

Bloodletting

See also Cupping

Blowers see Fans, Mechanical Blowing engines

See also Blast furnaces

Refer from Contagion and contagious diseases; England — History — Plantagenets; Epidemics; London — Epidemics; Medicine - Practice; Plague

Refer from Illinois — History; Indians — Wars; U. S.— History — 1815-1861

Refer from Algonquian Indians

Refer from Boots and shoes; Leather

Refer from Boycott; Employers' associations; Labor laws; Labor unions; Strikes and lock-

Refer from Forge work (s); Forging; Horseshoeing; Industrial arts; Ironwork

Refer from Indians - Industries; Textile industry and fabrics; Weaving

Refer from Blowing engines; Furnaces; Iron; Metallurgy; Slag; Smelting; Tuyeres (s)

Refer from Civil engineering; Engineering; Explosives; Mines, Military; Mining engineering; Quarries and quarrying; Stone; Tunnels

Refer from Cleaning; Dyes and dyeing; Textile industry and fabrics

Refer from Blindness (s); Defectives; Eye;

Eye - Diseases and defects; Sight
Refer from Asylums; Charities; Charities, Medical; Education; Homes (institutions) (s) Refer from Books for the blind (s)

Refer from Bibliography; Books; Incunabula; Printing; Wood engraving; Xylography (s)

Refer from International law; Naval art and science; Neutrality; War

Refer from Arteries; Blood vessels; Circulation of the blood (s); Hæmatology (s); Heart; Hematology (s); Pathology; Physiological chemistry; Physiology; Vascular system; Veins.

Refer from Arteries; Blood; Heart; Vascular system; Veins

Refer from Bleeding (s); Blood; Cupping; Hemorrhage; Phlebotomy (s); Surgery; Therapeutics; Venesection (s)

Refer from Blast furnaces; Engines; Mechanical draft

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Blowpipe See also Assaying; Chemistry — Analysis; Mineralogy; Welding

Blue glass cure see Phototherapy Blue language see Bolak Blue laws

Blue prints

See also Photography - Printing processes

Blunders

See also Anecdotes; Errors, Popular; Errors and blunders, Literary Boarding schools see Private schools Boards of health see Health boards Boards of trade

See also under names of cities

Boat building see Boats and boating; Ship-building; Yachts and yachting Boating see Boats and boating

Boats and boating

See also Aquatic sports; Canal boats; Canoes and canoeing; Fire boats; House boats; Ice boats; Lifeboats; Motor boats; Navigation; Rowing; Sailing; Ships; Skip-jacks; Steam launches; Submarine boats; Torpedo boats; Yachts and yachting Body, Human, see Anatomy; Physiology

Body and mind see Mind and body Boer war, 1899-1902, see South African war, 1899-1902

Boers

See also South African war, 1899-1902; Transvaal Bog fuel see Briquets; Peat Bogs see Marshes Bohemian brethren see Moravians Bohemian language See also Slavic languages

**Bohemian** literature See also Slavic literature

**Bohemianism** 

Bohemians in the U.S. See also Slavs in the U. S.

Boiler explosions Boiler scale See also Feed water

Boiler tests see Boilers - Testing Boilers

See also Boiler explosions; Boiler scale; Feed water; Fuel; Injectors; Safety valves; Steam; Steam engines

-Marine See also Marine engineering; Marine engines

-Testing

Refer from Analysis (chemistry) (s); Assaying; Chemical apparatus; Chemistry - Analysis; Metals; Mineralogy; Welding

Refer from Connecticut - Law; Law; Puri-

Refer from Architectural drawing; Cyanotype (s); Photography; Photography - Printing processes

Refer from Anecdotes; Errors, Popular; Errors and blunders, Literary; Mistakes (s)

Refer from Business; Chambers of commerce (s); Commerce; Trade, Boards of (s)

Refer from Aquatic Sports; Boat building (s); Boating (s); Canoes and canoeing; Locomotion; Navigation; Rowing; Sailing; Shipbuilding; Ships; Sports; Yachts and yachting

Refer from Transvaal

Refer from Czechic language (s); Slavic languages

Refer from Czechic literature (s); Slavic literature Refer from Artists; City life; Manners and customs

Refer from Slavs in the U. S.; U. S.— Foreign population Refer from Accidents; Boilers; Explosions

Refer from Boilers; Chemistry, Technical; Feed water; Pipe

Refer from Feed water; Furnaces; Heating; Injectors; Mechanical engineering; Power plants, Steam; Safety valves; Steam; Steam boilers (s); Steam engines

Refer from Marine boilers (s); Marine engineering; Marine engines; Naval boilers (s); Steam navigation; Steamboats Refer from Boiler tests (s); Testing (s)

Pondo - Callateral.

Plaintry

Pranage

Electric

Forgery

Sovernment.

Sulvetrial

Surretion

mortgage

Municipal

Gullic service.

Railroad.

Feal estate

Road

State

Street,

Surrety,

Timber,

**Boiling points** 

See also Chemistry, Physical; Distillation

Boll weevil

See also Cotton — Diseases and pests

Bolts and nuts

See also Machine design

Bond all partitudes

Bond servants see Indentured servants Bonding companies see Guaranties and sureties Bonds

See also Corporations; Debts, Public; Finance; Guaranties and sureties; Investments; Securities; Stocks

Bone black see Animal charcoal

Bone implements

Indians — Implements See also and weapons

Bone products

See also Animal charcoal; Animal products; Glue; Phosphates

Bones

See also Anatomy; Bone products; Dislocations; Fractures; Joints; Skeleton; Skull; Spine

-Diseases

Book auctions see Book prices; Booksellers and bookselling

Book clubs

Book collecting

Book rarities; Bookplates; See also Libraries, Private

Book covers

See also Bookbinding; Design, Decorative

# Book dedication

Book illustration see Illustration of books Book-making (betting) see Betting; Horse racing

Book-plates see Bookplates **Book prices** 

See also Booksellers and bookselling

Book rarities

See also Book collecting; Incunabula

Book repairing see Books - Repairing and preserving Book reviews

See also Books and reading; Criticism; Literature — History and criticism

Book sales see Book prices; Booksellers and bookselling Book shelves see Shelving (for books)

Refer from Chemistry, Physical; Heat; Liquids; Solution (chemistry); Temperature
Refer from Blue language (s); Language,
Artificial; Langue bleue (s)

Refer from Cotton — Diseases and pests; Cotton-boll weevil (s); Mexican boll weevil (s); Mexican cotton-boll weevil (s); Weevils

Refer from Hardware; Machine design; Nuts (machinery) (s) 7, 2, 1

Refer from Contracts; Corporations; Fi-ince; Guaranties and sureties; Invest-ents; Municipal bonds (s); Municipal nance; ments; finance; Negotiable instruments; Securities; Stocks

Refer from Implements, utensils, etc.; Indians — Implements and weapons; Tools

Refer from Animal charcoal; Animal products; Bones; Glue; Phosphates

Refer from Anatomy; Dislocations; Fractures; Osteology (s); Skeleton; Surgery

Refer from Medicine - Practice

Refer from Clubs; Libraries

Refer from Bibliography; Bibliomania (s); Bibliophily (s); Book rarities; Collectors and collecting; Libraries; Libraries, Private

Refer from Bookbinding; Cover design (s); Design, Decorative Refer from Authorship; Dedication of books (s)

(s); Book Refer from Book auctions sales (s); Booksellers and bookselling; Prices

Refer from Bibliography; Bibliography — Rare books (s); Book collecting; Incunabula; Rare books (s)

Refer from Appraisal of books (s); Books — Appraisal (s); Books and reading; Criticism; Evaluation of literature (s); Literature— History and criticism; Publishers and publishing; Reviews (s)



Book stacks see Shelving (for books) Book titles see Titles of books Book trade see Booksellers and bookselling; Publishers and publishing Book-worms see Bookworms **Bookbinding** 

See also Book covers; Marbling

Bookcases see Shelving (for books)

Bookkeeping See also Accounting; Auditing; Business education; Card system in business; Cost accounting; Municipal accounts Bookmaking (betting) see Betting; Horse

racing

Bookplates

## Books

See also Bibliography; Block books; Bookbinding; Bookplates; Books and reading; Booksellers and bookselling; Book-worms; Cataloging; Catalogs, Library; Chained books; Classification; Colophons; Copyright; Illumination of manuscripts and books; Illustration of books; Libraries; Literature; Manuscripts; Reference books; Printing; Prohibited books; Publishers and publishing; Shelving (for books); Textbooks; Title-pages; Titles of books; Writing; also headings beginning Book

—Appraisal, see Book reviews; Books and

reading; Books and reading — Best books; Criticism; Literature — History

and criticism

Repairing and preserving
See also Bookworms

Books and reading

See also Bibliography; Book reviews; Books; Children's literature; Fiction in libraries; Libraries; Literature; Prohibited books; Reference books

### Best books

See also Children's literature

Books for the blind see Blind, Books for the Booksellers and bookselling

See also Book prices; Catalogs, Booksellers'; Copyright; Publishers and publishing

Booksellers' catalogs see Catalogs, Book sellers'

Bookselling see Booksellers and bookselling Bookworms

See also Books - Repairing and preserving

Boomerangs

Boone's trail see Wilderness road Boots and shoes

See also Blacking; Leather; Shoemakers

Refer from Arts and crafts; Bibliography; Binding (s); Book covers; Books; Industrial arts; Library science

Refer from Accounting; Arithmetic, Commercial; Auditing; Business; Business education; Commerce

Refer from Bibliography; Book collecting; Book-plates (s); Books; Ex libris (s)

Refer from Bibliography; Books and reading; Copyright; Libraries; Literature; Paleography; Printing; Publishers and publishing; Writing

Refer from Book repairing (s); Bookworms

Refer from Appraisal of books (8); Bibliography; Book reviews; Books; Books—Appraisal (s); Choice of books (s); Education; Evaluation of literature (s); Libraries; Literature; Reading; Self-culture

Refer from Appraisal of books (s); Best books (s); Bibliography — Best books (s); Books — Appraisal (s); Evaluation of literature (s)

Refer from Biography; Book auctions (s); Book prices; Book sales (s); Book trade (s); Books; Bookselling (s); Commerce; Copyright; Literature; Publishers and publishing

Refer from Book-worms (s); Books; Books ---Repairing and preserving; Insects, Injurious and beneficial

Refer from Arms and armor

Refer from Costume; Foot; Leather; Manufactures; Shoes (s)



Bordeaux mixture

See also Fungicides; Spraying Border life see Frontier and pioneer life

#### **Borders of Scotland**

**Boring** 

See also Artesian wells; Rock drills; Shaft sinking

Boring (metal working, etc.) see Drilling (perforating)

Boroughs

See also Cities; Local government; Municipal corporations; Representative government and representation; Towns Bosjesmen see Bushmen

Boss rule

See also Graft; Political corruption

Bossism see Boss rule Boston massacre, 1770

See also U. S. - History - Revolution -Causes

Boston tea party, 1773
See also U. S. — History — Revolution

Botanical chemistry see Plants - Chemistry and nutrition

Botanical gardens See also Gardens; Parks

**Botanical museums** 

Botanical nomenclature see Botany - Nomenclature

**Botanical** societies

**Botanists** 

See also Naturalists

Botanizing see Plants - Collection and pres-

Botany [for systematic works and those dealing

with botany as a science)

See also Alpine plants; Annuals (plants); quatic plants; Bacteriology; Biology; Aquatic plants; Bacteriology; Biology; Botanists; Buds; Bulbs; Cells; Climbing plants; Color of flowers; Cryptogams; Desert vegetation; Evolution; Fertilization of plants; Floriculture; Flowers; Forests and forestry; Fossil plants; Fruit; Gardening; Geographical distribution of animals and plants; Hybridization; Insectivorous plants; Leaves; Medical botany; Mendel's law; Microscope and microscopy; Natural history; Nature study; Parasites; Phanero-gams; Plants; Seedlings; Seeds; Shrubs; Trees; Tropical plants; Variation (biology); Vegetables; Weeds; also headings beginning Botanical and Plant, and names of plants, and of divisions, orders, etc., of the vegetable kingdom; also names of cities, subhead Botany

-Agricultural, see Botany, Economic -Anatomy, see Botany, Structural

Refer from Fungicides; Spraying

Refer from Scotland; Scottish borders (s); Scottish marches (s)

Refer from Artesian wells; Civil engineering; Diamond drilling (s); Drilling (earth and rock) (s); Engineering; Hydraulic engineering; Mining engineering; Rock drills; Shaft sinking; Wells

Refer from Cities; Local government; Municipal corporations; Representative government and representation; Towns

Refer from Bossism (s); Political bosses (s); Political corruption; Politics

Refer from Boston - History; Massacres; Massachusetts — History; U. S. — History – Revolution - Causes

Refer from Boston — History; Taxation — U. S.; Tea; U. S. — History — Revolution — Causes

Refer from Gardens; Parks Refer from Museums

Refer from Scientific societies; Societies

Refer from Botany; Naturalists; Scientists

Refer from Annuals (plants); Biology; Buds; Cryptogams; Flora (s); Flowers; Gardening; Insectivorous plants; Leaves; Natural history; Nature; Nature study; Phanerogams; Plants; Science; Shrubs; Trees; Vegetable kingdom (s)



## Botany - Continued -Classification

See also Botany - Nomenclature

-Ecology, see Ecology -**Economic** 

See also Agricultural products, and names of products; Forest products, and names of products; Grasses; Medical botany; Plants, Cultivated; Poisonous plants; Weeds

Embryology See also Cells; Germination; Seeds

-Fossil, see Fossil plants -Geographic, see Geographical distribution of animals and plants

Histology, see Botany, Structural

-History

Medical, see Medical botany

-Morphology, see Botany, Structural

-Nomenclature

-Organography, see Botany, Structural -Pathology, see Plants — Diseases

-Physiology See also Botany — Embryology; Botany, Structural; Climbing plants; Color of flowers; Color of plants; Fermenta-tion; Fertilization of plants; Galls (bot-any); Germination; Insectivorous plants; Metabolism; Phosphorescence; Plants -Chemistry and nutrition; Plants, Effect of chemicals on; Plants - Movements; Roots

-Structural

See also Bark; Botany - Physiology; Cells; Flowers; Leaves; Roots; Seeds

### -Study and teaching —℧. S.

Botany of the Bible see Bible - Natural history

Boulders

See also Drift; Glaciers; Moraines

# **Boundaries**

See also Frontiers; Northeast boundary of the U. S.; Northwest boundary of the U. S.; also names of countries, states and cities, subhead Boundaries

Bounties

See also Subsidies

Military

See also Recruiting and enlistment

Refer from Classification; Plants - Classification (s)

Refer from Agricultural botany (s); Agricultural products; Agriculture; Botany, Agricultural (s); Economic botany (s); Forest products; Medical botany; Plants, Useful (s)

Refer from Botany - Physiology; Cells; Embryology; Plant embryology (s); Seeds

Refer from Botanical nomenclature (s); Botany — Classification; Names; Nomenclature (s); Plant names (s); Plants — Names(s); Terminology (s)

Refer from Botany, Structural; Climbing plants; Color of flowers; Color of plants; Fertilization of plants; Germination; Insectivorous plants; Metabolism; Physiological botany (s); Physiology of plants (s); Plant physiology (s); Plants—Chemistry and nutrition; Plants—Habits (s); Plants—Movements; Plants—Physiology (s); Vegetable physiology (s) table physiology (s)

Refer from Anatomy of plants (s); Bark; Botany — Anatomy (s); Botany — Histology (s); Botany — Morphology (s); Botany — Organography (s); Botany — Physiology; Cells; Histology; Leaves; Morphology of plants (s); Organography (s); Plant anatomy (s); Plant morphology (s); Plants — Anatomy (s); Plants — Morphology (s); Roots; Structural botany (s); Wood

Refer from Natural history - U. S.; U. S. - Botany (s); U. S.- Flora (s)

Refer from Bowlders (s); Drift; Erratics (s); Geology; Glaciers; Moraines

Refer from Frontiers; Geography; Geography, Political (s); History; International law

Refer from Compensation (s); Rewards (prizes, etc.); Subsidies

Refer from Military art and science; Military bounties (s); Pensions; Recruiting and enlistment

Bow (music) see Stringed instruments; Violin Bow and arrow

See also Archery; Arrowheads

Bowed instruments see Stringed instruments Bowlders see Boulders

Bowling

Bows see Bow and arrow

Box making Boxers

> See also China - History; Eastern question (Far East); Missions - China

## Boxing

Boy see Boys Boy choirs see Choirs Boy scouts

## **Boycott**

See also Blacklisting; Consumers' leagues; Labor unions; Strikes and lockouts

See also Apprentices; Boy scouts; Boys' clubs; Child labor; Children; Education; Juvenile delinquency; Newsboys; School children; Truancy; Young men; Youth

Boys' clubs
See also Boy scouts

**Bracelets** 

See also Jewelry

Brachiopoda

See also Invertebrates Brachygraphy see Shorthand Brahmanism

See also Buddhism; Caste; Hinduism; India - Religion; Vedanta; Vedas Braidism see Hypnotism

See also Aphasia; Apoplexy; Dreams; Fatigue, Mental; Feeble-minded; Head; Idiocy; Insanity; Intellect; Memory; Mental diseases; Meningitis; Mind and body; Nervous system; Paralysis; Phrenology; Psychology; Psychometry; Sleep; Trephining

Brakes

See also Air brakes; Safety devices

See also Distillation; Liquors

Bress

See also Alloys; Brasses

Brass instruments see Wind instruments Brasses

Bravery see Courage Brazing see Solder and soldering Bread

See also Baking; Cookery; Flour and flour mills

Breadstuffs see Grain

Breakfast foods see Cereals, Prepared

Refer from Archery; Arms and armor; Arrowheads; Arrows (s); Bows (s)

Refer from Games; Ten pins (s); Tenpins (s)

Refer from Manufactures

tion (Far East); Missions — China; Secret societies

Refer from Athletics; Fighting (s); Prize fighting (s); Pugilism (s); Sparring (s); Sports

Refer from Boys; Boys' clubs; Scouts and scouting

Refer from Blacklisting; Labor and capital; Labor laws; Labor unions; Strikes and lock-

Refer from Boy (s); Children; Conduct of life; Young men; Young people (s); Youth

Refer from Boys; Clubs; Social settlements

Refer from Jewelry

Refer from Invertebrates; Marine zoology

Refer from Buddhism; Caste; Hinduism; India — Religion; Religions

Refer from Head; Insanity; Intellect; Mental diseases; Mental physiology (s); Mind and body; Nervous system; Physiology; Psychology; Psychology, Physiological; Skull

Refer from Air brakes; Railroads; Railroads - Equipment and supplies; Safety devices

Refer from Alcohol; Distillation; Liquors

Refer from Alloys; Copper; Metals; Sheetmetal work; Zinc

Refer from Archaeology; Art; Brass; Epitaphs; Inscriptions; Metal work; Monumental brasses (s); Monuments; Tombs

Refer from Baking; Cookery; Food

**Breakfasts** 

See also Cereals, Prepared; Cookery; Menus

**Breakwaters** 

See also Civil engineering; Jetties; Piles and pile driving

Breathing

See also Chest; Lungs; Physiology; Respiratory organs; Singing and voice culture; Voice; Yawning

Breeding

See also Domestic animals; Eugenics; Heredity; Hybridization; Live stock; Mendel's law; Plant breeding

Bréton club see Jacobins

Breviaries

See also Catholic church — Liturgy and ritual; Liturgies

Brewing

See also Ale; Beer; Chemistry, Technical; Enzymes; Liquors; Malt

Bribery

See also Graft; Political corruption

Bric-a-brac

See also Decoration and ornament; Pottery

Bricklaying

See also Masonry

Bricks

See also Bricklaying; Building materials; Clay; Clay industries; Masonry; Pavements; Tiles Bridal customs see Marriage customs and

rites; Weddings

Bridge (game) see Bridge whist

Bridge whist

See also Cards; Whist

**Bridges** 

See also Arches; Cables; Civil engineering; Culverts; Drawbridges; Girders; Graphic statics; Masonry; Military bridges; Strains and stresses; Trestles; Trusses; also names of cities, subhead Bridges

Foundations and piers
See also Caissons; Cofferdams

Brigands and robbers

See also Dacoits; Outlaws; Thieves; Thugs

**Briquets** 

See also Fuel

**Briticisms** 

British in India

See also Eastern question (Central Asia); India — History

British literature see English literature; Irish literature; Scottish literature

Refer from Cookery; Eating; Home economics; Meals (s); Menus; Table

Refer from Civil engineering; Engineering; Harbors; Hydraulic engineering; Jetties; Piles and pile driving

Refer from Lungs; Physiology; Respiration (s); Respiratory organs; Singing and voice culture

Refer from Animals — Breeding (s); Cattle; Domestic animals; Heredity; Live stock; Stock breeding (s); Thremmatology (s)

Refer from Catholic church — Breviaries (s); Catholic church — Liturgy and ritual; Liturgies; Prayer books

Refer from Ale; Beer; Chemistry, Technical; Fermentation; Industrial arts; Liquor traffic; Liquors; Malt

Refer from Crime and criminals; Elections; Graft; Political corruption; Political ethics

Refer from Art; Decoration and ornament; House decoration; Pottery

Refer from Bricks; Building; Masonry

Refer from Building materials; Clay; Clay industries; Masonry; Pavements; Tiles

Refer from Bridge (game) (s); Cards; Whist

Refer from Arches; Architecture; Civil engineering; Culverts; Drawbridges; Engineering; Girders; Graphic statics; Masonry; Railroads bridges (s); Railroads; Railroads—Construction; Steel construction; Strains and stresses; Suspension bridges (s); Trestles; Trusses; Viaducts (s)

Refer from Caissons; Cofferdams; Foundations; Hydraulic engineering; Piers (s)

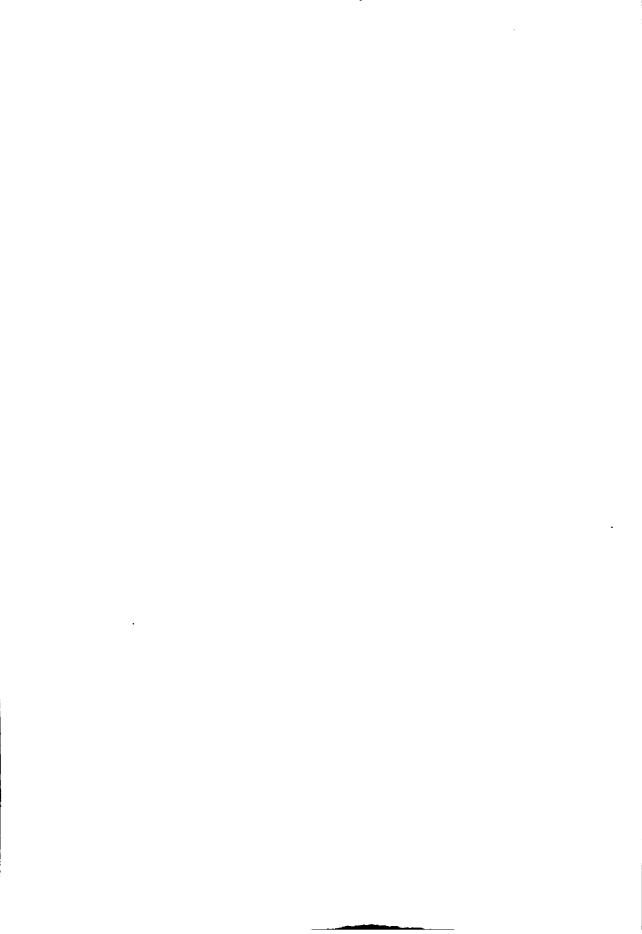
Refer from Banditti (s); Biography; Crime and criminals; Highwaymen (s); Kidnapping; Outlaws; Robbers (s); Thieves

Refer from Bog fuel (s); Coal; Fuel; Lignite; Peat

Refer from English language: English language

Refer from English language; English language — Dialects; Idioms, English; Slang

Refer from English in India (s); India — History



#### British museum

British poetry see English poetry; Irish poetry; Scottish poetry

**Britons** 

See also Celts; Druids; England — History — To 1066

Broadsword see Swords Brokers and factors

See also Agency, Stock exchange

**Bronchitis** 

See also Cough; Respiratory organs — Diseases; Throat

Bronze

See also Alloys; Bronzes; Bronzing
Bronze age

See also Archaeology; Copper age

**Bronzes** 

**Bronzing** 

See also Metal coloring

Brooches

See also Jewelry

**Brook Farm** 

Brook life see Fresh-water life Brook trout see Trout Broom drill see Drills and marches Brooms and brushes

**Brotherhoods** 

See also Monasticism; Religious orders

Brothers of Christ see Christadelphians Brownists

See also Congregationalism; Dissenters; Pilgrim fathers
Brushes see Brooms and brushes
Brutes see Animals — Treatment; Zoology
Bryology see Mosses
Bryophytes see Cryptogams; Mosses
Bryozoa see Polyzoa
Bubbles, Soap, see Soap bubbles
Bubonic plague see Plague

Buccaneers

See also Filibusters; Pirates

Bucket shops see Speculation Bucolic poetry see Pastoral poetry Buddha see Buddhism Buddhism

See also Brahmanism; Hinduism; India — Religion; Lamaism; Theosophy

Esoteric, see Theosophy
Budget see names of countries and cities,
subhead Finance

Buds

See also Botany

Buffalo, American, see Bison

Refer from London — Galleries and museums; London — Libraries

Refer from Celts; Druids; England — History — To 1066

Refer from Agency; Agents (s); Commercial law; Factors (s); Stock exchange

Refer from Cold (disease); Cough; Medicine
— Practice; Respiratory organs — Diseases;
Throat

Refer from Alloys; Copper; Metals; Tin

Refer from Archaeology; Copper age Refer from Archaeology; Art; Bronze; Decoration and ornament; Metal work; Sculpture

Refer from Bronze; Decoration and ornament; Metal coloring; Plating

Refer from Jewelry Refer from Communism; Cooperation; Transcendentalism

Refer from Brushes (s); Sweeping

Refer from Church polity; Monasticism; Religious orders

Refer from Congregationalism; Dissenters; Pilgrim fathers; Sects

Refer from Filibusters; Freebooters (s); Naval battles; Naval history; Pirates; Voyages and travels; West Indies — History

Refer from Brahmanism; Buddha (s); China — Religion; Confucianism; Hinduism; India — Religion; Lamaism; Monasticism; Religions

Refer from Botany; Flowers

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Bugle calls

See also Military music

Bugs see Hemiptera; Insects Buhlwork see Inlay Building

See also Acoustics of buildings; Arches; Architecture; Bricklaying; Building materials; Building stones; Carpentry; Ceilings; Chimneys; Civil engineering; Concrete construction; Doors; Engineering; Fire escapes; Fireproof construction; Floors; Founda-tions; Girders; Graphic statics; Hardware; Heating; House painting; Masonry; Plaster and plastering; Plumbing; Roofs; Sanitary engineering; Scaffolding; Shoring and underpinning; Skylights; Stair building; Steel construction; Strains and stresses; Strength of materials; Trusses; Vaulting; Ventilation; Walls; Windows

-Contracts and specifications

-Estimates

Materials, see Building materials

Specifications, see Building — Contracts

and specifications Building and loan associations -

See also Benefit societies

Building contracts see Building — Contracts and specifications

**Building laws** 

See also Fire escapes; Fireproof construc-tion; Tenement houses

**Building materials** 

See also Bricks; Building stones; Cement; Concrete; Concrete, Reinforced; Fireproof construction; Glass; Iron; Plaster and plastering; Steel; Stone; Stone, Artificial; Strength of materials; Stucco; Terra cotta; Tiles; Timber; Wood

Building stones

See also Building materials; Geology, Economic; Granite; Limestone; Marble; Masonry; Quarries and quarrying; Sand-stone; Slate; Stone; Stonecutting Buildings, Dampness in, see Dampness in

buildings

Buildings, Portable, see Portable buildings Buildings, Public, see Public buildings

See also Floriculture

Bulkheads

See also Shipbuilding Bull fights see Bullfights

Bulletins, Library, see Library bulletins

Bullets see Projectiles Bullfights

See also Mexico - Social life and customs; Spain — Social life and customs

Bullion see Coinage; Money; Precious metals

L'ulion reports.

Refer from Military art and science; Military music; Signals; Trumpet calls (8)

Refer from Arches; Architecture; Carpentry; Civil engineering; Construction (s); Engineering; Floors; Foundations; Girders; Industrial arts; Masonry; Plaster and plastering; Roofs; Scaffolding; Shoring and underpinning; Steel construction; Strains and stresses; Strength of materials; Trusses; Walls

Refer from Building - Specifications (8); Building contracts (s); Contracts; Specifications (building) (s)
Refer from Estimates (s)

Refer from Banks and banking; Benefit societies; Cooperation; Cooperative banks (s); Cooperative building associations (s); Corporations; Investments; Loan associations (s); Provident loan associations (s); Savings banks

Refer from Fireproof construction; Hygiene, Public; Law; Municipal improvement

Refer from Architecture; Bricks; Building; Building — Materials (s); Building stones; Cement; Concrete; Concrete, Reinforced; Engineering; Engineering materials (s); Strength of materials; Timber

Refer from Building; Building materials; Geology, Economic; Granite; Limestone; Marble; Masonry; Quarries and quarrying; Sandstone; Stone; Stonecutting; Stones (s)

Refer from Botany; Floriculture

Refer from Shipbuilding; Steamboats

Refer from Bull fights (s); Fighting (s); Mexico — Social life and customs; Spain — Social life and customs; Sports

Bulls, Papal See also Popes

## Bungalows

Bunker Hill, Battle of See also U. S. - History - Revolution

### Bureaucracy

Burglary

See also Larceny
Burial

See also Catacombs; Cemeteries; Cremation; Embalming; Epitaphs; Funeral rites and ceremonies; Monuments; Mounds and mound builders; Mummies; Sarcophagi; Tombs; Urn burial

#### -Premature

Buried treasure see Treasure-trove Burlesques See also Comedy; Parodies Burning the dead see Cremation Burns and scalds See also First aid in illness and injury

Burnt leather see Pyrography Burnt wood work see Pyrography Burying grounds see Burial; Cemeteries Bushmen

# **Business**

See also Accounting; Advertising; Auctions; Auditing; Boards of trade; Bookkeeping; Business depression; Business education; Business ethics; Card system in business; Cash registers; Commerce; Com-mercial law; Commercial travelers; Compemercial law; Commercial travelers; Competition; Corporations; Credit; Department stores; Economics; Exchange; Finance; Forms (in law); Instalment plan; Jointstock companies; Mail order business; Manufactures; Markets; Merchants; Money; Occupations; Office supplies; Panics; Peddlers and peddling; Profession, Choice of; Profit; Promoting; Prosperity; Real estate business; Sales Manship; Scientific management; Signs; Stock exchange; Success; Trust companies; Warehouses; Wealth; Window dressing usiness arithmetic see Arithmetic, Commer-

Business arithmetic see Arithmetic, Commercial

Business correspondence see Commercial correspondence 31. A. د ـ ـ د

**Business depression** See also Panics

Refer from Catholic church; Papal bulls (s); Popes

Refer from Architecture, Domestic; Architecture, Rural (s); Cottages; Country houses; Rural architecture (s)

Refer from U. S. - History - Revolution - Campaigns and battles Refer from Bell buoys (s); Harbors; Navigation Refer from Civil service; Government

Refer from Crime and criminals; Larceny; Thieves

> Refer from Archæology; Burying grounds (s); Cemeteries; Christian antiquities; Death; Funeral rites and ceremonies; Graves (s); Hygiene, Public; Interment (s); Manners and customs; Mortuary customs (s); Sepulture (s); Tombs

> Refer from Premature burial (s); Suspended animation

Refer from Comedy; Humor; Parodies

Refer from Accidents; First aid in illness and injury; Scalds (s)

Refer from Bosjesmen (s); Ethnology — Africa; Hottentots

Refer from Accounting; Advertising; Commerce; Commercial law; Economics; Industrial arts; Merchants; Money; Occupations; Profession, Choice of; Salesmanship; Stores (s); Success; Trade (s); Wealth

Refer from Business; Commerce; Commercial crises (s); Crises, Commercial (s); Economics; Finance; Hard times (s); Industrial depression (s); Panics; Prosperity

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Business education

See also Accounting; Bookkeeping; Commercial correspondence; Commercial law; Penmanship; Shorthand; Typewriting Susiness ethics

See also Competition; Honesty; Honor; Wealth

Business law see Commercial law Busy work

See also Cardboard construction; Paper work

Butchering see Slaughtering and slaughter-houses

**Butter** 

See also Dairy products; Dairying; Oleomargarine

Butterflies

See also Caterpillars; Lepidoptera Buttons
By-products see Waste products
Byzantine empire

See also Constantinople; Middle ages — History

Cabala

See also Occult sciences

Cabbala see Cabala Cabinet organ see Reed organ Cabinet system

Cabinet work

See also Decoration and ornament; Furniture; Turning

Cabins, Log, see Log cabins Cable codes see Telegraph codes Cable railroads See also Mountain railroads

Cables

See also Cable railroads; Cableways; Chains; Electric cables; Rope; Wire —Submarine

Cableways

See also Conveying machinery; Suspended railways; Telpherage

Cabs see Carriages
Caesarism see Despotism; Imperialism
Caesars see Roman emperors
Cafés see Restaurants
Caffres see Kafirs
Cage birds
See also Canaries

Refer from Bookkeeping; Business; Commercial education (s); Commercial schools (s); Education

Refer from Business; Commercial ethics (s); Conduct of life; Ethics; Ethics, Commercial (s); Honesty; Honor; Merchants

Refer from Children; Education, Elementary; Manual training; Seat work in schools (s); Teaching

Refer from Dairy products; Dairying; Food; Milk

Refer from Caterpillars; Lepidoptera Refer from Clothing; Manufactures

Refer from Constantinople; Eastern empire (s); Greek empire (s); Middle ages — History; Rome — History — Empire; Turkey — History

Refer from Cabbala (s); Hebrew literature; Jewish literature; Jews—Religion; Kabala(s); Kabbala (s); Mysticism; Occult sciences; Theosophy

Refer from Constitutional history; Government; Representative government and representation

Refer from Carpentry; Decoration and ornament; Furniture; Industrial arts; Woodwork

Refer from Cables; Mountain railroads; Railroads; Railroads, Cable (s); Street railroads

Refer from Bridges; Manufactures; Power transmission; Rope; Wire

Refer from Atlantic cable (s); Electric cables; International law; Pacific cable (s); Submarine cables (s); Submarine telegraph (s); Telegraph; Telegraph, Submarine (s)

Refer from Cables; Conveying machinery; Ropeways (s); Suspended railways; Telpherage

Refer from Birds; Canaries; Domestic animals; Pets

California

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#### Caisson disease

Caissons

See also Bridges — Foundations and piers; Caisson disease; Compressed air; Foundations

Cake

See also Baking Calculating machines

See also Slide rule; Tabulating machines

Calculation — Aids, see Calculating machines; Mathematics — Tables, etc.; Ready-reckoners

Calculators see Calculating machines; Readyreckoners

Calculus

See also Algebra; Curves; Equations; Functions

Calendar

See also Christian year; Chronology; Time; Year

Calendars

See also Almanacs; Daily readings; Yearbooks

Calico printing

See also Dyes and dyeing; Textile design

Califs see Caliphs

Caliphs

See also Bagdad; Mohammedanism

Calisthenics see Gymnastics; Physical education Calligraphy see Penmanship

Callisthenics see Gymnastics; Physical education

Caloric see Heat

Caloric engines see Air engines
Calorimeters and calorimetry

See also Animal heat; Heat

Calumny see Libel and slander Calvinism

See also Antinomianism; Arminianism; Congregationalism; New England — Religious history; Orthodoxy; Predestination; Presbyterianism; Puritans

Cambistry see Arithmetic, Commercial; Foreign exchange; Weights and measures Cambrian period see Geology, Stratigraphic — Cambrian; Paleontology — Cambrian

Cameos

See also Gems

Cameras

See also Photography

**Camisards** 

See also Cévennes; France — Religious history; Huguenots

Refer from Caissons; Compressed air; Compressed air disease (s); Occupations — Diseases and hygiene

Refer from Bridges — Foundations and piers; Foundations; Hydraulic engineering

Refer from Baking; Cookery

Refer from Arithmetic; Arithmetic, Commercial; Calculation—Aids (s); Calculators (s); Machinery; Mathematical instruments; Mathematics

Refer from Algebra; Analysis (mathematics) (s); Differential calculus (s); Fluxions (s); Functions; Infinitesimal calculus (s); Integral calculus (s); Mathematics; Variations (calculus) (s)

Refer from Astronomy; Chronology; Gregorian calendar (s); Time; Year

Refer from Almanacs; Yearbooks

Refer from Dyes and dyeing; Printing; Textile industry and fabrics

Refer from Califs (s); Kalifs (s); Khalifs (s); Kings and rulers; Mohammedanism; Saracens; Sovereigns (s)

Refer from Fuel; Heat; Steam engines; Thermometer

Refer from Congregationalism; New England — Religious history; Orthodoxy; Predestination; Presbyterianism; Theology

Refer from Carving (art industries); Gems; Jewelry

Refer from Photography

Refer from Cévennes; France — Religious history; Huguenots

Canada Mortery - Paper monery Canada Mortery - Caper monery

Camorra

See also Italy - Politics; Mafia

Camp meetings

Campagna di Roma

Campaign funds

Campaign literature

See also Silver (as money); Tariff question;

U. S. - Politics

Campaign songs

Campaigns, Presidential, see Elections- U. S.; Presidents - U. S .- Election

Campanology see Bells

Campbellites see Disciples of Christ

Camping

See also Outdoor life; Tents

Camps (military)

See also Concentration camps

See also Machine design

Canada -- History

-To 1763 (New France) See also French and Indian war;

French in America

-1763–1867 See also Canada — History — Rebel-

lion, 1837-1838

-Rebellion, 1837-1838 See also Canada - History - 1763-

1867

-1867-

See also Fenians (society)

Canadian literature

See also Canadian poetry

Canadian Northwest see Northwest, Canadian

Canadian poetry

See also Canadian literature

Canadian rebellion, 1837-1838, see Canada -

History - Rebellion, 1837-1838

Canadians in the U.S.

Canal boats

Canal locks see Canals — Locks

Canals

See also Aqueducts; Canal boats; Civil engineering; Embankments; Hydraulic engineering; Inland navigation; Irrigation canals; Ship canals; Waterways; also

names of canals, e.g. Panama canal

-Locks

—℧. S.

See also Waterways - U. S.

Refer from Crime and criminals — Italy; Italy — Politics; Mafia; Naples; Secret societies

Refer from Revivals

Refer from Italy - Description and travel; Roman Campagna (s); Rome (city)— Cam-

pagna (s)

Refer from Civil service; Elections; Elections — U. S.; Political corruption; Political parties; Politics; Publicity; U. S.— Politics

Refer from Political parties; Politics; U. S.—

Politics 1

from Political songs (s); Songs; Refer Songs, American [etc]

Refer from Amusements; Country life; Outdoor life; Sports; Tents; Vacations

Refer from Military art and science

Refer from Machine design; Mechanical movements

Refer from French in America; New France (s)

Refer from Canada - History - Rebellion, 1837-1838

Refer from Canada - History - 1763-1867; Canadian rebellion, 1837-1838 (s); French-Canadians

Refer from Fenians (society)

Refer from American literature; Canadian poetry; English literature; French-Canadian literature (s)

Refer from American poetry; Canadian literature; English poetry

Refer from U. S .- Foreign population Refer from Boats and boating; Canals

Refer from Civil engineering; Commerce; Engineering; Hydraulic engineering; Inland navigation; Transportation; Water supply; Waterways

Refer from Canal locks (s); Locks (canals) (s)

Refer from U. S.— Canals (s); Waterways - U. S.



Canaries
See also Birds; Cage birds
Cancer

Candles
Candlesticks
Candy see Confectionery
Caning of chairs see Chair caning
Canned food see Canning and preserving;
Packing industry
Cannibalism
See also Africa — Description and travel;

Polynesia

Canning and preserving

See also Cookery; Food preservation and preservatives

Cannon see Guns; Ordnance Canoeing see Canoes and canoeing Canoes and canoeing See also Boats and boating

Canon (Bible) see Bible — Canon Canon (music) See also Counterpoint; Fugue; Musical form

Canon law see Church law Canonization See also Saints

Canons, Apostolic, see Apostolic canons Cantatas Canteens (army)

Canterbury cathedral
See also Cathedrals — England

Canticles see Bible — Old Testament — Song of Solomon
Caoutchouc see Rubber
Cap and gown see Costume, Academic
Capillarity
See also Hydrostatics; Liquids; Splashes

Capital

See also Banks and banking; Capitalists and financiers; Commerce; Economics; Interest; Investments; Labor and capital; Money; Monopolies; Profit; Trusts; Wealth Capital and labor see Labor and capital Capital punishment

See also Electrocution; Executioners; Guillotine; Lynch law

Capitalists and financiers
See also Millionaires

Capitalization
See also Cataloging

Capitalization (finance) see Corporations; Promoting; Railroads — Finance; Securities Caps and gowns see Costume, Academic Refer from Birds; Cage birds
Refer from Carcinoma (s); Medicine—
Practice; Tumors
Refer from Lighting; Manufactures
Refer from Furniture; House decoration

Refer from Anthropophagy (s); Ethnology; Food; Man; Manners and customs

Refer from Canned food (s); Cookery; Domestic arts; Food preservation and preservatives; Fruit; Industrial arts; Preserving (s)

Refer from Aquatic sports; Boats and boating; Canoeing (s); Navigation; Rowing; Sailing; Sports

Refer from Composition (music); Counterpoint; Fugue; Music — Theory; Musical form

Refer from Catholic church; Church history; Rites and ceremonies; Saints

Refer from Music; Oratorios
Refer from Army canteens (s); Liquor problem; Liquor traffic; Temperance; U. S.— Army

Refer from Canterbury, Eng.; Cathedrals — England

Refer from Hydrostatics; Liquids; Matter; Physics

Refer from Commerce; Economics; Finance; Income; Labor and capital; Money; Monopolies; Profit; Property; Trusts; Wealth

Refer from Crime and criminals; Criminal law; Death penalty (s); Ethics; Executions (s); Hanging (s); Murder; Punishment

Refer from Biography; Capital; Finance; Financiers (s); Millionaires; Wealth

Refer from Cataloging; Printing; Writing

Captivity among the Indians see Indians— Captivities Capuchins See also Franciscans; Monasticism Car building see Cars

Car building see Cars

# Car heating, lighting and ventilation

Car lighting see Car heating, lighting and ventilation
Car shops see Railroads — Shops
Car ventilation see Car heating, lighting and ventilation
Car wheels

Car wheels Carbines see Rifles

Carbon

See also Charcoal; Chemistry, Organic; Coal; Coke; Diamonds; Electric light carbons; Graphite

Carbonari

See also Italy — History — 1815-; Italy — Politics

Carboniferous period see Geology, Stratigraphic — Carboniferous; Paleontology — Carboniferous

Carbons (electric light) see Electric light carbons

Carcinoma see Cancer; Tumors Card catalogs see Catalogs, Card Card system in business

See also Accounting; Catalogs, Card

## Cardboard construction

# Cardinals

See also Catholic church - Clergy

### Cards

See also Bezique; Bridge whist; Cribbage; Euchre; Fortune telling; Gambling; Games; Poker; Skat (game); Solitaire; Whist

## Caricature and cartoons

See also Humor; Mimicry; Satire

# Carlists

See also Spain — History — 1700-Carmelites

Carmentes

See also Floriculture Carnivals see Festivals

Carnivora

See also Bears; Cats; Dogs; Foxes; Lions; Mammals; Seals (animals); Tigers; Wolves

Carnivorous plants see Insectivorous plants Carols

See also Ballads; Songs

Carpenters' square see Square (instrument)

# Refer from Franciscans; Monasticism

Refer from Cars; Couplings (s); Railroads — Equipment and supplies; Safety devices
Refer from Car lighting (s); Car ventilation (s); Cars; Heating; Lighting; Railroads
— Equipment and supplies; Ventilation

Refer from Cars; Wheels

Refer from Chemical elements; Chemistry, Organic

Refer from Italy — History — 1815-; Italy - Politics; Secret societies

Refer from Accounting; Bookkeeping; Business; Catalogs, Card; Drafting room practice; Indexes; Office supplies
Refer from Busy work; Kindergarten; Manual training

Refer from Catholic church — Biography; Catholic church — Clergy; Christian biography; Church polity

Refer from Amusements; Bezique; Bridge whist; Cribbage; Entertaining; Euchre; Fortune telling; Gambling; Games; Playingcards (s); Poker; Skat (game); Whist

Refer from Art; Cartoons (s); Drawing; Grotesque; Humor; Illustration of books; Journalism; Mimicry; Pictures; Satire

Refer from Spain — History — 1700-Refer from Nuns; Sisterhoods

Refer from Floriculture; Flowers

Refer from Bears; Beasts of prey (s); Cats; Dogs; Foxes; Lions; Mammals; Seals (animals); Tigers; Wolves

Refer from Christmas; Christmas carols (s); Christmas poetry; Church music; Easter; Folk songs; Music; Songs

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Carpentry

See also Building; Cabinet work; Cars; Doors; Floors; Lathes; Moldings; Railings; Roofs; Rustic woodwork; Scaffolding; Slide rule; Square (instrument); Stair building; Tools; Turning; Wood carving; Woodwork; Woodworking machinery

Carpetbag rule see Reconstruction

Carpets

See also House decoration; Linoleum; Rugs; Sweeping; Weaving

Carriage painting

See also Painting, Mechanical

Carriages

See also Ambulances; Automobiles; Chariots; Coaches and coaching; Omnibuses; Vehicles; Wheels

Carrier pigeons see Pigeons

Carriers

See also Baggage; Bailments; Commerce; Commercial law; Communication; Demurage; Express companies; Freight; Interstate commerce; Navigation; Negligence; Omnibuses; Postal service; Railroads; Shipping; Transportation

Cars

See also Air brakes; Automobiles; Car couplings; Car heating, lighting and ventilation; Car wheels; Carriages; Railroads—Rolling stock; Sleeping cars

Cartels (economics) see Combination, Industrial; Trusts

Cartesian philosophy see Descartes, René

Carthusians

See also Monasticism
Cartography see Charts; Maps
Cartoons see Caricature and cartoons
Carving (art industries)

See also Arts and crafts; Bas-relief; Cameos; Glyptics; Ivory; Sculpture; Wood carving

Carving (meat, etc.)
See also Cookery

Caryokinesis see Karyokinesis Cases of conscience see Conscience Cash registers

Casks see Cooperage
Cast iron
See also Foundry work; Iron

Castaways

See also Shipwrecks

Caste

See also Brahmanism; India — Social life and customs

Casting see Foundry work; Plaster casts

See also Architecture; Military architecture; also names of castles

Refer from Architecture; Building; Industrial arts; Joinery (s); Manual training; Tools; Woodwork

Refer from Floors; House decoration; Rugs; Textile industry and fabrics; Weaving

Refer from Painting, Mechanical; Wagon painting (s)

Refer from Cabs (s); Cars; Coaches and coaching; Locomotion; Manufactures; Transportation; Vehicles; Wagons; Wheels

Refer from Bailments; Commerce; Commercial law; Common carriers (s); Communication; Demurrage; Express companies; Freight; Law; Public service corporations; Railroads; Shipping; Transportation

Refer from Car building (s); Carpentry; Manufactures; Passenger coaches (s); Railroads; Railroads — Cars (s); Railroads — Equipment and supplies; Railroads — Rolling stock; Street cars (s); Vehicles

Refer from Monasticism

Refer from Art; Arts and crafts; Bas-relief; Decoration and ornament; Design, Decorative; Sculpture; Wood carving

Refer from Cookery; Dinners and dining; Home economics; Meat; Table

Refer from Accounting; Business; Office supplies

Refer from Blast furnaces; Foundry work; Iron; Pig iron (s)

Refer from Adventure; Crusoe stories (s); Shipwrecks

Refer from Brahmanism; Class distinction; Hinduism; India — Social life and customs; Manners and customs; Sociology

Refer from Archaeology; Architecture; Architecture, Medieval; Chateaux (s); Fortification; Military architecture; Palaces



Castles - Continued

-England

See also Varwick castle; Windsor castle

Casts, Plaster, see Plaster casts

Casuality insurance, see Insurance, Casualty

Casuistry see Conscience Cat see Cats

Catabolism see Metabolism

Catacombs

See also Church history - Early church

Cataloging

See also Alphabeting; Capitalization; Classification; Colophons; Errors and blunders, Literary; Indexing; Library science; Titles of books

Catalogs

See also Bibliography; Cataloging; Indexes; also subjects of which catalogs are made

-Booksellers'

-Card

See also Card system in business; Cataloging; Catalogs, Library

-Library

See also Bibliography; Catalogs, Card

## —Publishers'

Catalysis

See also Chemistry, Physical; Colloids

Cataracts see Waterfalls

Catarrh

See also Cold (disease); Hay fever; Respiratory organs — Diseases

Catechisms

See also Bible - Question books; Creeds; also names of churches, subhead Catechisms and creeds

Catering

See also Menus; Table

Caterpillars

See also Butterflies; Lepidoptera; Moths

Cathedrals

See also Architecture, Gothic; Church architecture; also names of cathedrals

--England

See also Canterbury cathedral

Cathode rays

See also Electric discharges through gases; Electrons; X rays

Catholic apostolic church

Refer from Warwick castle; Windsor castle

Refer from Archaeology; Burial; Caves; Cemeteries; Christian antiquities; Christian art and symbolism; Church history - Early church; Tombs

Refer from Alphabeting; Bibliography; Books; Capitalization; Catalogs; Catalogs, Alphabeting; Bibliography; Card; Classification; Indexing; Library science

Refer from Bibliography; Indexes

Refer from Booksellers and bookselling; Booksellers' catalogs (s)

Refer from Card catalogs (s); Card system in business; Catalogs, Library

Refer from Bibliography; Books; Catalogs, Card; Finding lists (s); Libraries; Library catalogs (s)

Refer from Publishers and publishing; Publishers' catalogs (s)

Refer from Chemistry; Chemistry, Physical; Colloids: Contact action (8)

Refer from Cold (disease); Hay fever; Medicine - Practice; Nose; Respiratory organs -

Refer from Bible - Catechisms (s); Bible -Question books; Creeds; Theology

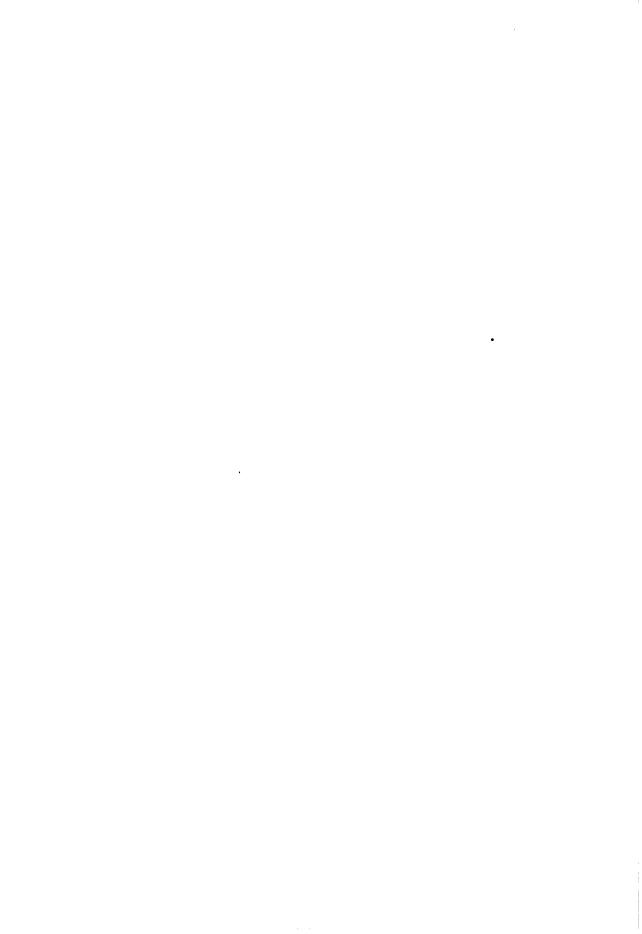
Refer from Cookery; Menus; Restaurants; Table

Refer from Butterflies; Insects; Lepidoptera; Moths

Refer from Abbeys; Architecture; Architecture, Gothic; Architecture, Medieval; Catholic church; Christian art and symbolism; Church architecture; Church history; Church of England

Refer from Canterbury cathedral

Refer from Electric discharges through gases; Electrons; Kathode rays (s); Radiation; Radioactivity; X rays



Catholic church

See also Abbeys; Absolution; Apostolic succession; Bulls, Papal; Canonization; Cathedrals; Celibacy; Church and state; Confession; Convents and nunneries; Episcopacy; Excommunication; Fasts and feasts; Fathers of the church; Greek church; Immaculate conception; Indulgences; Infallibility; Inquisition; Interdict; Jansenists; Jesuits; Lent; Mary, Virgin; Mass; Miracles; Modernism; Monasteries; Modernism; M nasticism; Oxford movement; Penance; Persecution; Pilgrimages; Popes; Protestantism; Purgatory; Religious liberty; Religious orders; Ritualism; Rosary; Sacraments; Saints; Shrines; Sisterhoods; Transubstantiation; Ultramontanism; Vatican -Authority

See also Popes - Authority and supremacy

Biography

See also Archbishops; Bishops; Cardinals; Catholic church - Clergy; Fathers of the church; Priests; Saints

-Breviaries, see Breviaries -Catechisms and creeds

See also Apostles' creed; Athanasian creed; Nicene creed

-Clergy

See also Apostolic succession; Archbishops; Bishops; Cardinals; Catholic church — Directories; Celibacy; Episcopacy; Monasticism; Priests
-Councils, see Councils and synods

-Creeds, see Catholic church — Cate-

chisms and creeds

Dictionaries Directories |

Doctrinal and controversial works

-Education

See also Church and education; Church schools

-Government

See also Excommunication

History

See also Church history; Councils and synods; Counter-reformation; Jansenists; Popes — History; Popes — Temporal power; Reformation; Schism, The great western, 1378-1417; Vatican council Infallibility, see Catholic church — Au-thority; Popes — Infallibility

Liturgy and ritual

See also Breviaries; Chants; Mass; Missals; Ritualism

-Missions

See also Indians - Missions; Jesuits -

Missions Name

-Orders, see Catholic church — Clergy;

Religious orders

Periodicals Popes, see Popes

Ritual, see Catholic church - Liturgy and ritual

Refer from Church and state; Church of England; Episcopacy; Holy See (s); Papacy (s); Popes; Protestantism; Roman Catholic church (s); Romanism (s); Sects; Ultramontanism; Vatican

Refer from Authority (in religion); Catholic - Infallibility (s); Infallibility; Popes church -- Authority and supremacy

Refer from Catholic church - Creeds (s)

Refer from Apostolic succession; Archbishops; Bishops; Cardinals; Catholic church — Biography; Catholic church — Orders (s); Priests

Refer from Catholic church - Clergy

Refer from Catholic church — Social relations; Church and education

Refer from Church history; Counter-reformation; Reformation; Popes — History

Refer from Breviaries; Catholic church -Ritual (8); Liturgies; Mass; Missals; Ritual-

Refer from Jesuits - Missions; Missions



# Catholic church - Continued

Social relations

See also Catholic church - Education; Socialism and Catholic church

Statistics |

Catholic church and socialism see Socialism and Catholic church

Catholic church in England

See also Catholic emancipation; England - Religious history; Gunpowder plot

Catholic church in France

See also France - Religious history

Catholic emancipation

See also Catholic church in England

Catholic literature

Cats

See 'also Carnivora; Domestic animals

Cat's cradle see String figures

7 Cattle

See also Barns and stables; Beef; Breeding; Cowboys; Cows; Dairying; Feeding and feeding stuffs; Horns; Live stock; Oxen; Ungulata

–Diseases

See also Tuberculosis in animals; Veterinary medicine

-Transportation, see Animals- Transportation

Caucasian race

See also Aryans

Caucus

See also Elections; Nominations; Primaries

Causation

See also Metaphysics; Teleology

Cause and effect see Causation

Cavalry

See also Cavalry drill and tactics; Horse; Military art and science; also under country, e.g. U. S.—Army — Cavalry. For volunteer regiments in the U. S., see under name of state, e.g. New York cavalry; also United States volunteer cavalry, for volunteer regiments recruited at large

Cavalry drill and tactics

See also Horse; Tactics

Cave dwellers

See also Archaeology

Cave fauna

Cave men see Cave dwellers

Caves

See also Catacombs; Cave dwellers; Cave fauna; Chultunes

Ceilings

See also Mural painting and decoration; Plaster and plastering

Celebrations see Anniversaries; Festivals; Holidays; also names of cities, subheads Centennial celebrations, etc., and Festivals

Refer from Christian sociology

Refer from Catholic emancipation; England Religious history

Refer from France - Religious history; Gallican church (8)

Refer from Catholic church in England; Emancipation (s); Religious liberty Refer from Literature; Religious literature

Refer from Carnivora; Cat (s); Domestic animals; Pets

Refer from Cows; Dairying; Domestic animals; Live stock; Oxen; Ungulata

Refer from Animals - Diseases; Veterinary medicine

Refer from Aryans

Refer from Elections; Nominations; Primaries

Refer from Cause and effect (s); Final cause (s); God; Metaphysics; Philosophy

Refer from Military art and science

Refer from Cavalry; Drill (military); Military art and science; Tactics

Refer from Anthropology; Archaeology; Cave men (s); Caves; Ethnology; Man Origin and antiquity; Troglodytes (s)

Refer from Caves; Zoology

Refer from Archaeology; Grottoes (s); Physical geography; Speleology (s)

Refer from Architecture; Building; Plaster and plastering; Roofs

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Celestial mechanics see Mechanics, Celestial Celibacy

See also Bachelors; Monasticism; Spin-

Cell, Voltaic, see Electric batteries Cello see Violoncello Cells

See also Biology; Botany - Embryology; Botany, Structural; Embryology; Histology; Karyokinesis; Osmosis; Physiological chemistry; Protoplasm; Protozoa; Regeneration (biology) Celluloid

See also Cellulose; Guncotton

## Cellulose

See also Celluloid; Guncotton; Paper; Wood pulp

Celtic folklore see Folklore, Celtic Celtic languages

See also Aryan languages; Cornish lanuage; Gaelic language; Irish language; Welsh language Celtic legends see Legends, Celtic

Celtic literature

See also Bards; Gaelic literature; Irish literature (Celtic); Welsh literature

Celtic mythology see Mythology, Celtic

See also Aryans; Britons; Druids; Folklore, Celtic; Gauls; Legends, Celtic; Picts Cement

See also Adhesives; Building materials; Concrete; Geology, Economic; Glue; Lime; Pavements; Stucco

# Cemeteries

See also Burial; Catacombs; Eminent domain; Epitaphs; Landscape gardening; Tombs; also names of cities, subhead Cemeteries

# -National

Cenozoic era see Geology, Stratigraphic — Cenozoic; Paleontology — Cenozoic Censorship of the press see Liberty of the press; Prohibited books Census

See also Statistics; Tabulating machines; Vital statistics; also names of countries, and cities, subhead Census

Centenarians see Longevity

Centennials see names of cities, subhead Centennial celebrations, etc.

Central power stations see Power plants Central states see Middle states

Centralization of schools see Schools — Centralization

Centrifugal fans see Fans, Mechanical Centrifugal force

See also Gravitation

Refer from Catholic church; Catholic church - Clergy; Chastity; Church history; Church polity; Clergy; Marriage; Monasticism; polity; Clergy; Priests; Theology

Refer from Biology; Botany; Botany— Embryology; Botany, Structural; Cytology(s); Embryology; Histology; Morphology; Physiological chemistry; Protoplasm; Regeneration (biology); Zoology

Refer from Cellulose; Chemistry, Technical; Guncotton

Refer from Celluloid; Chemistry, Technical; Guncotton; Paper; Plants — Chemistry and nutrition; Wood pulp

Refer from Aryan languages; Cornish language; Gaelic language; Irish language; Keltic languages (s); Welsh language

Refer from Bards; Gadhelic literature (s); Gaelic literature; Irish literature (Celtic); Keltic literature (s); Literature; Welsh literature

Refer from Aryans; Britons; Druids; Gaels (8); Gauls; Kelts (8); Picts

Refer from Adhesives; Building materials; Chemistry, Technical; Concrete; Geology, Economic; Hydraulic cement (s); Lime; Masonry; Mortar (s); Portland cement (s); Slag; Stucco

Refer from Archaeology; Burial; Burying grounds (s); Churchyards (s); Eminent do-main; Graves (s); Graveyards (s); Hygiene, Public; Landscape gardening; Municipal improvement; Sanitation; Tombs

Refer from National cemeteries (8)

Refer from Population; Statistics; Vital statistics.

Refer from Force and energy

Cephalopoda

See also Mollusks
Ceramics see Pottery
Cereal foods see Cereals, Prepared
Cereals see Cereals, Prepared; Grain
Cereals, Prepared

Cerebral hemorrhage see Apoplexy
Cerebrospinal meningitis see Meningitis
Ceremonies see Etiquet; Manners and customs; Rites and ceremonies
Certainty

See also Belie(; Faith; Probabilities; Truth

Certificates, Teachers, see Teachers Examinations and certificates

Cervidae see Deer Cetacea

See also Mammals; Whales

Chaing dish
Chain belting see Belting
Chained books
Chains

See also Machine design

# Chair caning

Chairs

See also Chair caning; Furniture Chalcography see Engraving Chalk

See also Limestone Chalk talks

Challenger expedition, 1872-1876 Chamber music

Chambers of commerce see Boards of trade Chance

See also Probabilities

# Chancellors, Lord

Chancery

See also Equity

Chanteys see Sailors' songs Chanties see Sailors' songs

Chanting

See also Chants; Singing and voice culture

Chants

See also Anthems; Chanting; Choral
music; Church music; Hymns

Chap-books see Chapbooks Chapbooks See also Ballads

Chapels

See also Church architecture

Character

See also Christian life and character; Conduct of life, and references under that subject; Ethics; Graphology; Ideals; InRefer from Mollusks

Refer from Breakfast foods (s); Breakfasts; Cereal foods (s); Cereals (s); Cookery; Food; Prepared cereals (s)

Refer from Belief; Conviction (s); Evidence; Faith; Intellect; Logic; Philosophy; Truth

Refer from Mammals; Marine zoology; Whales Refer from Cookery

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Refer from Books

Refer from Cables; Machine design; Manufactures
Refer from Caning of chairs (s); Chairs;
Industrial arts

Refer from Furniture

Refer from Geology, Economic; Limestone Refer from Drawing; Lectures and lecturing Refer from Scientific expeditions Refer from Instrumental music; Music

Refer from Fortune (s); Luck (s); Philosophy; Probabilities
Refer from Biography; Judges; Lawyers;
Lord chancellors (s); Ministers of state

Refer from Courts; Equity; Law; Pleading and practice

Refer from Chants; Singing and voice culture

Refer from Anthems; Catholic church—Liturgy and ritual; Chanting; Choral music; Church music; Gregorian chant (s); Gregorian music (s); Music; Plain chant (s); Plain song (s); Plainsong (s)

Refer from Ballads; Chap-books (s); Folk-lore; Literature; Periodicals

Refer from Church architecture

Refer from Christian life and character; Conduct of life; Ethics; Moral education; Psychology; Temperament

dividuality; National characteristics; Palmistry; Personality; Phrenology; Physicanomy; Temperament

ognomy; Temperament

Character reading see Fortune telling; Graphology; Palmistry; Phrenology; Physiognomy; Psychometry (character reading, etc.)

Characteristics, National, see National characteristics

Charades

See also Amateur theatricals; Puzzles

Charcoal

See also Animal charcoal Charcoal drawing Chariots

Charitable societies

See also Charities; Charity organization; Humane societies

Charities

See also Almshouses; Asylums; Blind—Asylums and education; Charitable societies; Charity organization; Charity schools; Children—Charities, protection, etc.; City missions; Crèches; Deaf and dumb—Asylums and education; Dispensaries; Farm colonies; Flower missions; Fresh air charity; Friendly visiting; Hospitals; Insane hospitals; Jews—Charities; Mortmain; Nurses and nursing; Orphans and orphan asylums; Outdoor relief; Philanthropy; Poor; Poor laws; Ragged schools; Salvation army; Sisterhoods; Sisters of charity; Social settlements; Social work; Vacant lot cultivation; also names of cities, subheads Charities and Poor

-Medical

See also Blind — Asylums and education; Deaf and dumb — Asylums and education; Dispensaries; Hospitals; Inebriate asylums; Insane hospitals; Missions, Medical -U.S.

See also U. S. — Hospitals and asylums

Charity

See also Altruism; Charities; Friendly visiting; Kindness; Love

Charity, Sisters of, see Sisters of charity Charity organization

See also Charitable societies; Charities

Charity schools

See also Orphans and orphan asylums; Ragged schools

Charlatanry see Quacks and quackery Charlemagne — Romances

Cherms

See also Amulets; Birth stones; Swastika; Witchcraft

Refer from Amateur theatricals; Amusements; Drama; Puzzles; Riddles

Refer from Carbon; Fuel
Refer from Drawing
Refer from Archaeology; Carriages; Military
art and science; Vehicles

Refer from Benevolent societies (8); Charities; Charity organization; Humane societies; Philanthropy; Societies

Refer from Almshouses; Asylums; Charitable socieites; Charity; Charity organization; Dependent classes (s); Economics; Friendly visiting; Gifts; Homes (institutions) (s); Hospitals; Institutions, Charitable and philanthropic (s); Outdoor relief; Philanthropy; Poor; Public institutions (s); Reform; Relief work (s); Social problems; Social work; Sociology

Refer from Dispensaries; Medical charities (s); Medicine

Refer from U.S. - Charities (s)

Refer from Almsgiving (s); Begging; Benevolence (s); Conduct of life; Ethics; Giving (s); Love, Philanthropy

Refer from Associated charities (s); Charitable societies; Charities; Organized charity (s)

ty (s)

Refer from Charities; Children — Charities,
protection, etc.; Education; Free schools (s);
Orphans and orphan asylums; Schools

Refer from French literature; Middle ages — Literature; Romances

Refer from Amulets; Demonology; Evil eye; Folklore; Superstition; Talismans (s); Witchcraft

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Charters

See also Archives; Corporations; Magna charta; Municipal franchises; also names of colonies, states, cities, etc., subhead Charters

Refer from Archives; Deeds; Documents (s); Government; History — Sources; Law; Manuscripts; Municipal charters (s); Municipal government; Paleography

Refer from England — History — Victorian period; Labor and laboring classes — England

Refer from Cartography (8); Chartogra-

Refer from Ethics; Marriage; Purity (s); Sexual ethics; Virtue; Women

Chartism

Chartography see Charts; Maps Charts

See also Maps

Chase, The, see Hunting Chastity See also Celibacy

Chateaux see Castles
Chattel mortgages see Mortgages
Chattels see Personal property; Property
Checkers
Checkreins

See also Harness

Refer from Draughts (s); Games

phy (s); Hydrography; Maps

Refer from Animals — Treatment; Bearing Charles ; Driving; Harness; Horse

Checks
See also Banks and banking

Cheerfulness

See also Happiness; Optimism

Refer from Banks and banking; Money

Refer from Conduct of life; Contentment;
Ethics; Gladness (s); Happiness; Optimism

Refer from Dairy bacteriology; Dairy products; Dairying; Milk

Refer from Affinity, Chemical (s); Chemical

Cheese

See also Dairy bacteriology; Dairy products; Dairying
Cheirognomy see Palmistry
Cheiromancy see Palmistry
Cheiroptera see Bats
Cheirosophy see Palmistry
Chemical affinity
See also Chemical reaction

Chemical analysis see Chemistry — Analysis; also subhead Analysis under special subjects, e.g. Water — Analysis

Chemical apparatus

Chemical elements

Oxygen, Radium, Sulphur Chemical engineering

Metallurgy; Waste products

See also Blowpipe; Chemistry — Laboratory manuals

See also Atomic weights; Metals; Periodic law; Valency; also names of elements, e.g. Argon, Arsenic, Carbon, Helium, Nitrogen,

See also Chemistry, Technical; Drying;

Chemical effects of light see Photochemistry

Refer from Chemical instruments (s); Chemistry — Apparatus (s); Chemistry — Laboratory manuals; Scientific apparatus and instruments

Refer from Elements, Chemical (s)

reaction; Chemistry, Physical

Refer from Chemistry, Technical; Engineering; Engineering, Chemical (s); Industrial arts; Industrial chemistry (s); Metallurgy

Chemical geology see Geochemistry; Geology, Economic; Mineralogy; Rocks Chemical industries see Chemistry, Technical

Chemical industries see Chemistry, Technical Chemical instruments see Chemical apparatus Chemical reaction

See also Chemical affinity; Reagents

Chemical reagents see Reagents
Chemical societies
Chemical technology see Chemistry, Technical

Refer from Chemical affinity; Chemistry, Physical; Reaction, Chemical (8); Reagents

Refer from Scientific societies

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Chemistry

See also Acids; Agricultural chemistry; Air; Alchemy; Alkalies; Assaying; Atomic theory; Atomic weights; Atoms; Catalysis; Color; Combustion; Condensation; Crystallography; Dissociation; Electrochemistry; Evaporation; Fermentation; Fire; Gases; Geochemistry; Ions; Metallurgy; Microchemistry; Mineralogy; Molecules; Periodic law; Pharmacy; Photochemistry; Photoch graphic chemistry; Physics; Physiological chemistry; Plants — Chemistry and nutrition; Poisons; Radioactivity; Reagents; Receipts; Salts; Sanitary chemistry; Solution (chemistry); Spectrum analysis; Stereochemistry; also headings beginning Chemical, and names of chemical elements and substances

-Agricultural, see Agricultural chemistry

Analysis

See also Adulterations; Assaying; Blowpipe; Electrolysis; Eudiometer; Micro-chemistry; Mineralogy; also names of substances analyzed

-Animal, see Physiological chemistry Apparatus, see Chemical apparatus

- -Biological, see Physiological chemistry -Botanical, see Plants Chemistry and nutrition
- -Dairy, see Agricultural chemistry; Dairy bacteriology
- Domestic, see Chemistry, Household
  - -Experimental, see Chemistry Laboratory manuals

Forensic, see Chemistry, Legal

-History

See also Alchemy; Atomic theory; Chemists

·Household

See also Cleaning; Cookery; Food-Analysis; Food adulteration and inspec-tion; Sanitary chemistry; Sanitation, Household

Industrial, see Chemistry, Technical

-Inorganic

See also Alkalies; Ammonia; Metals; Mineralogy; Rare earths

-Laboratory manuals

See also Chemical apparatus

-Legal
See also Medical jurisprudence; Poisons

-Mathematical, see Chemistry, Physical -Medical, see Pharmacy; Physiological chemistry

Organic
See also Alcohol; Alkaloids; Carbon;
Coal; Essences and essential oils; Fermentation; Gas; Physiological chemistry; Plants - Chemistry and nutrition; Proteins

Refer from Acids; Atoms; Gases; Molecules; Natural history; Physics; Salts; Science; Solution (chemistry)

Refer from Adulterations; Analysis (chemistry) (s); Analytical chemistry (s); Blowpipe; Chemical analysis (s); Qualitative analysis (s); Quantitative analysis (s); Titration (s); Volumetric analysis (s)

Refer from Alchemy; Atomic theory; Chem-

Refer from Chemistry, Domestic (s); Food adulteration and inspection; Home economics; Household chemistry (s); Sanitary chemistry; Sanitation, Household

Refer from Alkalies; Inorganic chemistry (s); Metals; Rare earths

Refer from Chemical apparatus; Chemistry, Experimental (s); Experimental chemistry (s); Experiments (s)

Refer from Chemistry, Forensic (s); Forensic chemistry (8); Legal chemistry (8); Medical jurisprudence; Physiological chemistry; Poisons

Refer from Alcohol; Alkaloids; Carbon; Fermentation; Organic chemistry (8); Proteins

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Chemistry - Continued

-Pathological, see Physiological chemistry

Pharmaceutical, see Pharmacy

Photographic, see Photographic chemistry

-Physical

See also Atomic theory; Atomic weights; Atoms; Boiling points; Catalysis; Chemical affinity; Chemical reaction; Colloids; Crystallography; Dissociation; Electrochemistry; Electrolysis; Ions; Isomerism; Liquefaction of gases; Liquid air; Melting points; Molecules; Osmosis; Periodic law; Photochemistry; Physics; Radioactivity; Solution (chemistry); Stereochemistry; Thermodynamics; Valency

-Physiological, see Physiological chemistry -Sanitary, see Sanitary chemistry

-Technical

also Acetylene; Adulterations; Alcohol, Denatured; Ammonia; Animal products; Baking powder; Boiler scale; Brewing; Celluloid; Cellulose; Cement; Chemical engineering; Clay industries; Coal-tar colors; Coal-tar products; Corrosion and anti-corrosives; Distillation; Dyes and dyeing; Electrochemistry; Essences and essential oils; Explosives; Fermentation; Fireworks; Fuel; Gas; Glass manufacture; Glucose; Glue; Gums and resins; Gunpowder; Gutta-percha; Industrial arts; Ink; Leather; Matches; Metallurgy; Oils and fats; Paint; Paper; Perfumery; Petroleum; Receipts; Rubber; Soap; Sugar; Textile industry and fabrics; Varnish and varnishing; Waste products; Wood distillation

Chemists

See also Chemistry - History; Pharmacists

Chess

Chest

See also Anatomy; Auscultation; Heart; Lungs; Respiratory organs

Chickens see Poultry Chief justices

See also Judges

Child labor

See also Apprentices; Compulsory edu-cation; Factory system; Hours of labor; Newsboys; Sweating system

Child life

See also Children in Japan [and in other countries]

Child saving see Children - Charities, protection, etc.

Child study

See also Children; Kindergarten; Libraries, Children's; Mothers' clubs; Play; Psychology, Educational; Youth Childhood see Child life; Children

Children

See also Adoption; Birth rate; Boys; Busy work; Child labor; Child life; Child

Refer from Atomic theory; Atomic weights; Atoms; Boiling points; Catalysis; Chemistry, Mathematical (s); Colloids; Dissociation; Electrochemistry; Electrolysis; Liquefaction of gases; Liquid air; Molecules; Osmosis; Periodic law; Photochemistry; Physical chemistry (s); Physics; Solution (chemistry); Stereochemistry; Thermochemistry (s)

Refer from Adulterations; Animal products; Brewing; Chemical engineering; Chemical industries (s); Chemical technology (s); Chemistry, Industrial (s); Clay industries; Coal-tar colors; Coal-tar products; Distilla-tion; Dyes and dyeing; Essences and essential oils; Explosives; Fermentation; Gas; Glass manufacture; Glucose; Gums and resins; Industrial arts; Industrial chemistry (s);

Lacther: Manufactures: Metallurgy; Oils Leather; Manufactures; Metallurgy; Oils and fats; Paint; Perfumery; Soap; Sugar; Technical chemistry (s); Technology; Textile industry and fabrics

Refer from Chemistry - History; Pharmacists; Scientists Refer from Games

Refer from Anatomy; Breathing

Refer from Biography; Judges; Justices (s); Lawyers

Refer from Boys; Children; Children -Charities, protection, etc.; Children - Employment (s); Children - Law; Compulsory education; Factory laws; Factory system; Girls; Hours of labor; Labor and laboring classes; Social problems; Sweating system

Refer from Childhood (s); Children

Refer from Children; Education; Kindergarten; Mothers' clubs; Psychology; Psychology, Educational; School children; Teaching

Refer from Boys; Child study; Childhood (s); Conduct of life; Education; Family;

Children - Continued

study; Education, Elementary; Eugenics; Family; Fathers; Foundlings; Girls; Heredity; Home; Home education; Illegitimacy; Infants; Juvenile delinquency; Kindergarten; Libraries, Children's; Mothers; Orphans and orphan asylums; Parents; Play; Playgrounds; Precocity; Prentation of the property of the pr influences; School children; Sunday schools; Twins; Youth; also headings beginning Children, Children's

-Abnormal and backward

See also Auxiliary schools; Defectives; Feeble-minded; Idiocy

# -Anecdotes and sayings

-Backward, see Children, Abnormal and backward

Care and hygiene

See also Children - Diseases; Children - Management; Infants - Care and hygiene; Medical inspection of schools; Nurses and nursing; School hygiene; School lunches

-Charities, protection, etc.

See also Charity schools; Child labor; Crèches; Foundlings; Fresh air charity; Humane societies; Orphans and orphan asylums; Playgrounds

-Diseases

See also Children — Care and hygiene; Cholera infantum; Croup; Diphtheria; Diseases (s); Measles; Scarlet fever

-Education, see Education, Elementary Home education; Kindergarten; also headings beginning School

-Employment, see Child labor -Health, see Children — Care and hygiene -Law

See also Child labor; Curfew law; Factory laws; Juvenile courts; Juvenile delinquency; Labor laws

-Management See also Corporal punishment; Moral education

Training, see Children - Management Children in art see Children in literature and

Children in Japan

See also Japan - Social life and customs

Children in literature and art See also Children in poetry

Children in poetry

See also Children in literature and art

Children's books see Children's literature Children's courts see Juvenile courts

Girls; Home; Home education; Infants; Kindergarten; Mothers; Parents; Sociology; Women; Young people (s); Youth

Refer from Abnormal children (s); Auxiliary schools; Backward children (s); Children, Backward (s); Defectives; Education, Elementary; Feeble-minded; Idiocy; Juvenile delin-quency; Mentally deficient children (s); School children

Refer from Anecdotes; Children's sayings (s)

Refer from Children - Health (8); Children Diseases; Diet; Hygiene; Infants — Care and hygiene; Nurses and nursing; Pediatrics (s)

Refer from Charities; Child saving (s); Dependent children (s); Foundlings; Humane societies; Orphans and orphan asylums;

Refer from Children - Care and hygiene; Children's diseases (s); Infants — Diseases (s); Medicine — Practice; Pediatrics (8)

Refer from Children - Care and hygiene; Children — Training (s); Home training (s); Management of children (s); Moral education

Refer from Child life; Japan - Social life and customs

Refer from Art; Children in art (s); Children in poetry; Literature

Refer from Children in literature and art; Poetry; Poetry of childhood (s)

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Children's crusade, 1212

See also Crusades

Children's diseases see Children — Diseases Children's libraries see Libraries, Children's

Children's literature

See also Children's poetry; Fairy tales; Fiction in libraries; Kindergarten — Stories; Libraries, Children's; Libraries and schools; Picture books; School libraries; Sunday school libraries

Children's parties Children's periodicals Children's poetry

See also Children's literature; Children's songs; Nursery rhymes

Children's sayings see Children - Anecdotes and sayings

Children's sermons

Children's songs See also Kindergarten — Games and songs;

Nursery rhymes Chills and fever see Malaria

Chimes and chiming See also Bells

Chiming see Chimes and chiming

Chimney sweeping Chimneys

See also Chimney sweeping; Fireplaces; Heating; Smoke; Ventilation China (porcelain) see Pottery

China painting

See also Arts and crafts; Pottery

Chinaware see Pottery Chinch bugs See also Hemiptera

Chinese immigration see Chinese in the U. S. [and in other countries] Chinese in the U.S.

Chinese-Japanese war, 1894-1895 See also China — History; Japan — His-

Chinese language

See also Oriental languages

Chinese literature

See also Oriental literature

Chinese philosophy see Philosophy, Chinese Chinese question see Eastern question (Far East); China — Foreign relations; China — History; Chinese in the U. S.

Chinese scale see San José scale Chinese shadows see Shadow pantomimes

Chinook jargon

Chirognomy see Palmistry Chirography see Penmanship; Writing

Chiromancy see Palmistry

Chiropody

Chiroptera see Bats

Chirosophy see Palmistry

Refer from Crusades

Refer from Books and reading; Books and reading — Best books; Children's books (s); Children's poetry; Fiction in libraries; Juvenile literature (s); Libraries, Children's; Libraries and schools; Literature; Schools and libraries (s); Stories (s)

Refer from Entertaining; Parties (s)

Refer from Periodicals

Refer from Children's literature; Nursery rhymes; Poetry; Poetry of childhood (s)

Refer from Sermons

Refer from Children's poetry; Songs

Refer from Bells; Chiming (s); Church music; Ringing (s)

Refer from Chimneys; Sweeping

Refer from Architecture; Building; Fire-places; Fires; Heating; Ventilation

Refer from Arts and crafts; Decoration and ornament; Painting; Pottery

Refer from Hemiptera; Insects, Injurious and beneficial

Refer from Chinese immigration (s); Chinese question (s); Race problems — U. S.; U. S. — Foreign population; U. S.— Foreign relations - China

Refer from China - History; Eastern question (Far East); Japan - History

Refer from Oriental languages

Refer from Oriental literature

Refer from Indians - Languages

Refer from Foot



Chivalry

Sce also Arthurian romances; Civilization, Medieval; Crusades; Courts of love; Feudalism; Heraldry; Honor; Knights and knighthood; Malta, Knights of; Middle ages; Romances; Templars; Teutonic knights; Tourmaments

Chloroform

See also Anesthetics

Chocolate

See also Beverages; Cocoa

Choice of books see Books and reading Choice of profession see Profession, Choice of Choirs

See also Church music; Conducting (music); Singing and voice culture

## Cholera, Asiatic

#### Cholera infantum

Choral music

See also Chants; Church music. For scores see Choruses and part songs
Choral societies

See also Musical societies

Choruses and part songs
See also Anthems; Glees

Chouans

See also Vendean war Christ see Jesus Christ Christadelphians

Christendom see Christianity; Church history; History

Christening see Baptism Christian antiquities

See also Architecture, Gothic; Baptism; Bible — Antiquities; Burial; Catacombs; Christian art and symbolism; Church architecture; Church furniture; Church vestments; Fasts and feasts; Funeral rites and ceremonies; Lord's supper; Marriage; Relics; Rites and ceremonies; Shrines; Tombs

Christian art and symbolism

See also Art; Bible — Pictorial illustrations; Catacombs; Cathedrals; Christian antiquities; Church architecture; Church decoration and ornament; Church furniture; Church vestments; Cross; Emblems; Jesus Christ in art; Madonnas; Rites and ceremonies; Saints in art; Sarcophagi

Christian biography

See also Apostles; Apostolic fathers; Archbishops; Bishops; Cardinals; Clergy — Biography; Fathers of the church; Hermits; Martyrs; Missionaries; Monasticism; Pilgrim fathers; Popes — Biography; Preachers; Puritans; Reformers; Saints; also names of churches, subhead Biography

Refer from Civilization, Medieval; Crusades; Feudalism; Heraldry; Knight-errantry (s); Knights and knighthood; Middle ages; Middle ages — Social life and customs; Religious orders; Templars; Tournaments

Refer from Anesthetics

Refer from Beverages; Cocoa; Confectionery; Food

Refer from Boy choirs (s); Church music; Conducting (music); Music; Singing and voice culture

Refer from Asiatic cholera (s); Contagion and contagious diseases; Epidemics; Medicine — Practice; Tropics — Diseases and hygiene Refer from Children — Diseases

Refer from Chants; Church music; Music; Vocal music (s)

Refer from Musical societies; Singing and voice culture; Singing societies (s)

Refer from Choral music; Glees; Music — Scores; Part songs (s); Quartets, Vocal (s); Songs

Refer from French revolution; Vendean war

Refer from Brothers of Christ (s); Millennium; Second advent; Sects

Refer from Archaeology; Bible — Antiquities; Christian art and symbolism; Church antiquities (s); Church ceremonies (s); Church polity; Ecclesiastical antiquities (s); Rites and ceremonies

Refer from Archaeology; Architecture; Art; Art, Christian (s); Christian antiquities; Christian symbolism (s); Church architecture; Church decoration and ornament; Cross; Ecclesiastical art (s); Emblems; Iconography (s); Jesus Christ in art; Madonnas; Painting; Religious art (s); Sacred art (s); Saints in art; Symbolism

Refer from Biography; Church biography (s); Ecclesiastical biography (s); Martyrs; Missionaries; Religious biography (s)

Christian character see Christian life and character

Christian church (Disciples) see Disciples of Christ

Christian doctrine see Theology

Christian education see Religious education

Christian era

Christian ethics

See also Christian life and character; Conscience; Ethics; Sin; Social ethics

Christian evidences see Christianity - Evidences

# Christian life and character

See also Character; Christian ethics: Christian work; Conduct of life; Conversion; Devotional exercises; Faith; Goodness; Monasticism; Prayer; Religious education; Revivals; Sanctification; Spiritual

Christian names see Names, Personal Christian perfection see Sanctification Christian science See also Mental healing

# Christian socialism

See also Christian sociology

Christian sociology

See also Catholic church - Social relations; Christian socialism; Christian work; Church; Church and education; Church work; Institutional churches; Social ethics; Social problems; Social work

Christian symbolism see Christian art and symbolism

Christian union

See also Evangelical alliance

## Christian work

See also Christian sociology; Church

Christian year

See also Advent; Ash Wednesday; Christmas; Easter; Fasts and feasts; Good Friday; Holidays; Holy week; Lent

Christianity

See also Apostles; Bible; Christianity and other religions; Church; Church history, and other headings beginning Church; Civilization, Christian; Deism; God; Jesus Christ; Miracles; Missions; Protestantism; Reformation; Religion; Sects; Socialism and Christianity; Theism; Theology; also headings beginning Christian, and names of Christian churches and sects

Refer from Chronology

Refer from Christian life and character; Conscience; Ethics; Ethics, Christian (s); Sin: Social ethics

Refer from Character; Christian character (s); Christian ethics; Christianity, Practical (8); Conduct of life; Conversion; Ethics; Life; Personal religion (8); Practical theology (8); Religion, Personal (8); Religious experience (8); Sanctification; Spiritual life; Theology, Practical (s)

Refer from Absent treatment (s); Faith cure; Mental healing; Mind and body; Sects; Suggestive therapeutics; Therapeutics

Refer from Christian sociology; Church and social problems (s); Socialism; Socialism, Christian (s); Sociology

Refer from Christian socialism; Christian work; Christianity, Practical (s); Christianity and social problems (s); Church; Church and social problems (s); Church work; Religion and sociology (s); Social ethics; Social problems; Social work; Sociology; Sociology, Christian (s)

Refer from Church; Church polity; Church unity (s); Sects; Union, Christian (s)

Refer from Christian life and character; Christian sociology; Church work

Refer from Advent; Calendar; Church calendar (s); Church of England; Church year (s); Fasts and feasts; Holy week; Lent; Protestant Episcopal church in the U.S.

Refer from Bible; Christendom (s); Church; Church history; Deism; God; Jesus Christ; Natural religion; Philosophy; Religion; Re-Revelation; Sociology; Theism; ligions; Theology

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# Christianity - Continued

-Evidences

See also Bible - Evidences and authority; Miracles; Religion and science

-History, see Church history -Origin, see Church history — Early church -Practical, see Christian life and character; Christian sociology

Primitive, see Church history — Early church

Christianity and other religions

Christianity and science see Religion and science

Christianity and social problems see Christian sociology

Christianity and socialism see Socialism and Christianity

Christmas

See also Carols; Church decoration and ornament; Holidays; Jesus Christ — Birth; Magi; Santa Claus; also headings beginning Christmas

Christmas carols see Carols Christmas entertainments

Christmas gifts Christmas plays Christmas poetry See also Carols

Christmas stories

Christology see Jesus Christ Chromatics see Color

Chromolithography

See also Color printing; Color prints; Lithography Chromophotography see Color photography

Chromosomes see Karyokinesis

Chronograph

See also Astronomical instruments; Photochronograph

Chronology

See also Almanacs; Calendar; Christian era; Time; Year —Biblical, see Bible — Chronology

-Historical

See also Bible - Chronology; History; also names of countries, subhead History Chronology

Chronophotography see Moving pictures Chultunes

Church

See also Christian sociology; Christian union; Christianity; Institutional churches; also headings beginning Church, and names of churches and sects

—Institutional, see Institutional churches Church accounts see Church finance

Church and education

See also Bible in the schools; Catholic church - Education; Church schools; Public schools and religion; Religious education; Theology — Study and teaching

Refer from Apologetics (s); Bible - Evidences and authority; Christian evidences (s); Evidences of Christianity (s); Miracles; Religion

Refer from Christianity; Religions

Refer from Advent; Christian year; Fasts and feasts; Holidays; Jesus Christ - Birth; Santa Claus

Refer from Entertainments; Sunday school entertainments

Refer from Gifts Refer from Drama

Refer from Poetry; Recitations and readings

Refer from Color; Color printing; Lithography

Refer from Astronomical instruments; Time

Refer from Almanacs; Astronomy; Calendar; Time; Year

Refer from Annals (s); Dates (s); History

Refer from Caves; Yucatan

Refer from Christian sociology; Christianity; Theology

Refer from Bible in the schools; Catholic church — Education; Christian sociology; Church and state; Church schools; Denominational schools (s); Education; Education and church (s); Religion and education (s); Religious education

Church and healing see Emmanuel movement; Medicine and religion

Church and social problems see Christian socialism; Christian sociology; Church work

Church and state

See also Asylum, Right of; Catholic church; Church and education; Church history; Church of England — Establishment; Church polity; Church property; Liberty of conscience; Popes — Temporal power; Religious liberty; Socialism and Catholic church; Socialism and Christianity; Taxation, Exemption from

Church antiquities see Christian antiquities

Church architecture

See also Abbeys; Architecture; Architecture, Gothic; Basilicas; Cathedrals; Chapels; Christian art and symbolism; Church decoration and ornament; Crypts; Mosques; Orientation (architecture); Spires; Temples; Towers

## Church attendance

Church bells see Bells Church benefices see Church property Church biography see Christian biography Church calendar see Christian year; Fasts and feasts Church census see Church statistics

Church ceremonies see Christian antiquities; Fasts and feasts; Liturgies; Rites and ceremonies

Church costume see Church vestments Church councils see Councils and synods Church decoration and ornament

See also Christian art and symbolism; Church furniture; Floral decoration; Rood screens

## Church dedication

Church discipline

See also Absolution; Asceticism; Church polity; Confession; Excommunication; Inquisition; Interdict; Monasticism; Penance; Purgatory; Simony

Church entertainments

See also Entertainments; Sunday school entertainments

Church extension see Church work; Missions Church fathers see Fathers of the church Church festivals see Fasts and feasts Church finance

See also Church property; Church rates; Taxation, Exemption from; Tithes

Church furniture

See also Altars; Baptismal fonts; Pulpits;
Rood screens; Shrines

Church government see Church polity Church history

See also Abbeys; Apostolic succession; Bible; Canonization; Cathedrals; Catholic Refer from Catholic church; Church history; Church of England — Establishment; Church polity; Disestablishment (s); Government; Liberty of conscience; Persecution; Religious liberty; State church (s)

Refer from Architecture; Architecture, Ecclesiastical (s); Architecture, Gothic; Basilicas; Cathedrals; Chapels; Christian antiquities; Christian art and symbolism; Churches (s); Ecclesiastical architecture (s); Religious art (s): Spires: Tempies

Religious art (s); Spires; Temples

Refer from Church statistics; Churchgoing (s); Public worship (s); Sunday; Worship

Refer from Christian art and symbolism; Christmas; Church architecture; Church ornament (s); Decoration and ornament; Floral decoration: Interior decoration (s)

decoration; Interior decoration (s)

Refer from Church polity; Churches (s);
Consecration of churches (s); Dedication of churches (s); Rites and ceremonies

Refer from Church membership; Church polity; Discipline, Ecclesiastical (5); Excommunication; Penance

Refer from Church sociables (s); Church work; Entertainments; Sociables (s); Socials (s); Sunday school entertainments

Refer from Church accounts (s); Church property; Church rates; Finance; Tithes

Refer from Altars; Baptismal fonts; Christian antiquities; Christian art and symbolism; Church decoration and ornament; Ecclesiastical furniture (s); Furniture; Pulpits

Refer from Bible; Catholic church — History Christendom (s); Christianity; Chris-

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Church history - Continued

church — History; Celibacy; Christianity; Church and state; Church law; Church polity; Convents and nunneries; Councils and synods; Creeds; Dissenters; Eastern churches; Episcopacy; Fathers of the church; Flagellants; Heresy; Huguenots; Inquisition; Jesuits; Heresy; Huguenots; Inquisition; Jesuits; Jews; Martyrs; Miracles; Missions; Monasticism; Persecution; Popes — History; Protestantism; Reformation; Religious liberty; Religious orders; Revivals; Sects; Sisterhoods; Theology [for history of doctrines]; also headings beginning Christian, names of sects, churches councils at and names of source. churches, councils, etc., and names of countries and cities, subhead Religious history

-Early church See also Arianism; Bible — New Testament — Apocryphal books; Catacombs; Donatists; Fathers of the church; Pelagianism

Early church — Apostolic

See also Apostles; Apostolic fathers; Bible — New Testament

— Middle ages

See also Albigenses; Crusades; Flagellants; Middle ages — History; Popes — Temporal power; Schism, The great Temporal power; Schism, western, 1378-1417; Waldenses

Reformation, see Reformation

-Modern

See also Covenanters; Dissenters; Jansenists; Reformation

Church law

See also Apostolic canons; Apostolic constitutions; Asylum, Right of; Benefit of clergy; Church history; Church polity; Church property; Councils and synods; Divorce; Marriage; Simony; Tithes; also names of churches, subhead Government

Church membership See also Baptism; Church discipline; Church polity; Church statistics; Close communion; Confirmation; Covenants; communion; Confire Creeds; Lord's supper

Church music

see also Anthems; Bible — Music; Carols;
bearse Chimes and chiming; Choirs; Chants; Chimes and chiming; Choirs; Choral music; Hymns; Liturgies; Missals; Masses; Oratorios; Organ music

Church of Christ (Disciples) see Disciples of Christ

Church of Christ of latter-day saints see Mormons and Mormonism

Church of England

See also Anglican communion; Apostolic succession; Cathedrals; Catholic church; Christian year; Confirmation; Dissenters; England — Religious history; Episcopacy; Fasts and feasts; Noniurors; Oxford movement; Protestant Episcopal church in the U. S.; Puritans; Ritualism; Sacraments; Sisterhoods

tianity — History (s); Church and state; Church law; Church polity; Councils and synods; Ecclesiastical history (s); Heresy; History; Martyrs; Popes — History; Ref-ormation; Religious history (s); Sacred his-tory (s); Theology

Refer from Arianism; Catacombs; Christianity—Origin (s); Christianity, Primitive (s); Donatists; Early church (s); Fathers of the church; Pelagianism; Primitive Christianity (s)

Refer from Apostles; Apostolic church (s); Apostolic fathers; Bible - New Testament

Refer from Middle ages — History; Popes — Temporal power; Schism, The great western, 1378-1417

Refer from Canon law (s); Church history; Church polity; Ecclesiastical law (s); Law

Refer from Church polity; Confirmation; Lord's supper

Refer from Anthems; Chants; Choirs; Choral music; Church services; Devotional exercises; Hymns; Music; Organ music; Psalmody (s); Sacred music (s); Songs; Vocal music (s); Worship

Refer from Anglican church (s); Anglican com-munion; Dissenters; England, Church of (s); England — Religious history; Episcopacy; Episcopal church (s); Nonjurors; Protestant Episcopal church in the U. S.; Puritans; Sects

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Church of England — Continued ——Articles of religion	Refer from Articles, Thirty-nine (s); Church of England — Catechisms and creeds; Church of England — Thirty-nine articles (s); Thirty-nine articles (s)
Biography	
See also Archbishops; Bishops; Church of England — Clergy	
-Canons, see Church of England - Gov-	
ernment	
Catechisms and creeds	
See also Apostles' creed; Athanasian	Refer from Church of England — Creeds (8)
creed; Church of England — Articles of	
religion; Nicene creed	
See also Apostolic succession; Arch-	Refer from Apostolic succession; Archbish-
bishops; Bishops; Church of England —	ops; Bishops; Church of England — Biography
Directories; Episcopacy; Priests	opo, zionepo, entren el zingiant ziogiapin,
- Constitution, see Church of England -	
Government	
Convocations	
Creeds, see Church of England - Cate-	
chisms and creeds ——Dioceses	
See also names of dioceses	
Directories	
See also Church of England - Year-	Refer from Church of England - Clergy
books	
——Doctrinal and controversial works	
See also Marprelate controversy ——Establishment	
See also Church and state	Refer from Church and state; Disestablish-
See and Charen and state	ment (s); State church (s)
Finance	(0,7, 0 0 (0,7
See also Church rates; Tithes	
Government	
See also Church of England — Royal	Refer from Church of England — Canons (s);
supremacy	Church of England — Constitution (s)
History	Defen from England Deligious history
See also England — Religious history; also names of dioceses	Refer from England — Religious history
—Liturgy and ritual	
See also Ritualism	Refer from Church of England - Ritual (s);
	Liturgies; Ritualism
Missions	Refer from Missions

----Royal supremacy

and ritual

-Ritual, see Church of England - Liturgy

—Thirty-nine articles, see Church of England — Articles of religion —Yearbooks

Church of Jesus Christ of latter-day saints see Mormons and Mormonism Church of Scotland

See also Covenanters; Presbyterian church; Presbyterianism; Reformation — Scotland; Scotland — Religious history Church of the New Jerusalem see New Jerusalem church

Church ornament see Church decoration and ornament

Church polity

See also Absolution; Apostolic succession:
Asceticism; Baptism; Benefit of clergy;

Refer from Covenanters; Presbyterian church; Presbyterianism; Reformation — Scotland; Scotland — Religious history; Sects

Refer from Church of England — Government; Royal supremacy (Church of England) (s)

Refer from Church of England — Directories

Refer from Bishops; Church and state; Church discipline; Church government (s);



Brotherhoods; Cardinals; Celibacy; Christian antiquities; Christian union; Church and state; Church dedication; Church discipline; Church history; Church law; Church membership; Church property; Church rates; Clergy; Confession; Confirmation; Congregationalism; Councils and synods; Covenants; Deaconesses; Deacons; Episcopacy; Excommunication; Fasts and feasts; Free churches; Indulgences; Inter-dict; Liberty of conscience; Lord's supper; Methodism; Monasticism; Ordination; Penance; Popes; Preaching; Presbyterianism; Priests; Religious orders; Rites and ceremonies; Ritualism; Sacraments; Sisterhoods; Sunday; Tithes; Worship; also names of churches, subhead Government

Church property

See also Church finance; Convents and nunneries; Monasteries; Taxation, Exemp-

tion from

## Church rates

See also Church finance; Tithes

### Church schools

See also Church and education

## Church services

See also Church music; Devotional exercises; Liturgies; Prayer meetings; Responsive worship; Worship Church settlements see Social settlements

Church sociables see Church entertainments Church statistics

See also Church attendance

Church unity see Christian union Church vestments See also Costume

## Church work

See also Christian sociology; Christian work; Church entertainments; City missions; Deaconesses; Evangelistic work; Institutional churches; Missions; Pastoral work; Revivals; Social settlements; Sunday; Sunday schools

Church year see Christian year Churches see Church architecture; Church dedication; Free churches; also individual churches, and names of cities, subhead Churches

Churchgoing see Church attendance Churchyards see Cemeteries

Cicadas

See also Hemiptera

Church history; Church law; Church membership; Congregationalism; Ecclesiastical polity (s); Theology

Refer from Church and state; Church benefices (s); Church finance; Church law; Church polity; Property; Real estate; Taxation, Exemption from

Refer from Church finance; Church of England - Finance; Church polity; Dissenters;

Refer from Catholic church — Education; Church and education; Denominational schools (s); Diocesan schools (s); Parish schools (s); Parochial schools (s); Religious education; Schools

Refer from Devotional exercises; Liturgies; Public worship (s); Religious services (s); Worship

Refer from Church census (s); Church membership; Ecclesiastical statistics (s); Statistics

Refer from Christian antiquities; Christian art and symbolism; Church costume (s); Costume; Ecclesiastical costume (s); Ecclesiastical costume (s); astical vestments (s); Regalia; Vestments (s)

Refer from Christian sociology; Christian work; Church and social problems (s); Church extension (s); Institutional churches

Refer from Hemiptera; Insects, Injurious and beneficial; Locusts; Seventeen-year locusts (s)

Cider

See also Beverages

Cigarettes

See also Smoking

See also Cigarettes; Smoking; Tobacco Cinematics see Kinematics

Cinematograph see Moving pictures Cipher codes see Telegraph codes

Ciphers

See also Abbreviations: Telegraph; Telegraph codes; Writing

Circle

See also Geometry Circle-squaring See also Geometry

Circulating libraries see Libraries Circulation of the blood see Blood Circulatory system see Vascular system Circumcision

See also Jews — Religion Circumnavigation see Voyages and travels

around the world

Circumstantial evidence see Evidence

Circus

See also Acrobats; Animals - Training; Clowns; Menageries

Cistercians

See also Benedictines; Monasticism; Trappists

Cities

See also Boroughs; City and country; City life; Garden cities; Hanseatic league; Housing problem; Markets; Municipal government, and other headings beginning Municipal; Parks; Slums; Street cleaning; Street cries; Streets; Towns

-Planning and laying out See also Garden cities; Housing problem; Municipal art; Municipal centers; Municipal improvement; also names of cities, subhead Public buildings

**Eitizenship** 

See also Aliens; Allegiance; Civil rights; Education and citizenship; Expatriation; Government; Naturalization; Patriotism; Political ethics; School city

City and country

See also City life; Country life; Farm life

City gardens see Vacant lot cultivation City government sse Municipal government City improvement see Municipal improvement City life

See also Bohemianism; City and country

## City missions

City planning see Cities - Planning and laying out Civic art see Municipal art Civic centers see Municipal centers Civic improvement see Municipal improvement Refer from Apple; Beverages

Refer from Cigars; Smoking; Tobacco

Refer from Smoking; Tobacco

Refer from Abbreviations; Contractions (s); Cryptography (s); Cyphers (s); Secret writing (s); Sign language; Writing

Refer from Curves; Geometry

Refer from Geometry; Quadrature of the circle (s); Squaring of the circle (s)

Refer from Jews; Jews - Religion

Refer from Amusements; Clowns; Hippodrome (s); Menageries

Refer from Benedictines; Monasticism; Trappists.

Refer from Boroughs; Local government; Municipal corporations; Municipal govern-ment; Municipalities (s); Sociology; Towns

Refer from City planning (s); Garden cities; Housing problem; Municipal art; Municipal centers; Municipal improvement

Refer from Aliens; Allegiance; Civics (s); Civil rights; Conduct of life; Elections; Ex-patriation; Foreigners (s); Government; In-ternational law; Naturalization; Patriotism; Political ethics; Public spirit (s); Suffrage

Refer from Cities; City life; Country life; Farm life

Refer from Cities; City and country

Refer from Charities; Church work; Missions, Home; Social settlements

Civics see Citizenship; Government; Municipal government; also names of countries, subhead Government

Civil engineering

See also Aqueducts; Arches; Blasting; Boring; Breakwaters; Bridges; Building; Canals; Cofferdams; Curves in engineering; Docks; Drainage; Dredging; Earthwork; Embankments; Engineering; Excavation; Foundations; Harbors; Hydraulic engineering; Irrigation; Lighthouses; Masonry; Mechanical engineering; Mensuration; Mining engineering; Piles and pile driving; Public works, and subhead Public works under names of countries and cities; Railroad engineering; Railroads — Construction; Reclamation of land; Rivers; Roads; Sanitary engineering; Steel construction; Streets; Strength of materials; Subways; Surveying; Tunnels; Walls; Water supply Civil government see Government

Civil law

See also Law, and references under that subject

Civil liberty see Liberty

Civil rights

See also Citizenship; Constitutional law

Civil service

See also Bureaucracy; Campaign funds; Civil service examinations; Civil service pensions; Civil service reform; Nominations

See also Civil service reform; U.S.— Registers

Civil service examinations

Civil service pensions

See also Teachers — Salaries, pensions,

Civil service reform

See also Municipal government — Commission plan; Political corruption

Civil war see England — History — Civil war and commonwealth; U. S.— History — Civil war

Civilization

Sce also Anglo-Saxons; Anthropology; Archaeology; Art; Culture; Degeneration; Education; Ethics; Ethnology; Eugenics; History; History — Philosophy; Industry; Inventions; Latin races; Man; Manners and customs; Migration of nations; Progress; Religions; Renaissance; Social problems; Society, Primitive; Sociology; Teutonic race; Tribes and tribal system; also names of countries, subhead Civilization—Ancient

See also Industries, Primitive; also names of countries of antiquity, subhead Civilization

 Refer from Aqueducts; Breakwaters; Bridges; Building; Canals; Curves in engineering; Docks; Dredging; Earthwork; Embankments; Engineering; Engineering, Civil (s); Foundations; Harbors; Irrigation; Railroads — Construction; Roads; Surveying; Tunnels

Refer from Law; Roman law (s)

Refer from Citizenship; Constitutional law; Government; Law; Police power; Rights, Civil (s)

Refer from Administration (s); Government; Government officials (s); Office, Tenure of (s); Politics; Spoils system (s); Tenure of office (s)

Refer from U. S.— Civil service (s); U. S.—Government

Refer from Civil service; Competitive examinations (s); Examinations

Refer from Civil service; Old age pensions;

Refer from Civil service; Civil service—. U. S.; Political corruption; Reform; U. S.— Politics

Refer from Anthropology; Archaeology; Culture; Education; Ethics; Ethnology; Government; History; History—Philosophy; Man; Progress; Social conditions (s); Social science (s); Sociology

Refer from History, Ancient; Industries, Primitive

Refer from Aryan civilization (s); Aryans

#### Civilization - Continued

-Christian

-History

#### -Medieval

See also Chivalry: Feudalism

### Oriental -Pagan

# Claims

See also Alabama claims; French spoliation claims; also names of countries, cities and wars, subhead Claims

#### Clairvoyance

See also Animal magnetism; Hypnotism; Mind reading; Psychical research; Psychometry (character reading, etc.); Thought transference

# Clans

See also Highlands of Scotland; Society, Primitive; Tartans; Tribes and tribal system; also names of clans Class day

#### Class distinction

See also Caste; Equality; Leisure class; Peerage; Precedence

# Classical antiquities

See also Archaeology; Art, Greek; Art, Roman; Classical dictionaries; Greece — Antiquities; Mythology, Classical; Rome -Antiquities

# Classical biography

See also Greece - Biography; Rome -Biography

# Classical dictionaries

# Classical education

See also Colleges and universities; Curriculum; Humanism

Classical geography see Geography, Ancient Classical languages see Greek language; Latin language

# Classical literature

See also Classicism; Greek literature; Latin literature Classical mythology see Mythology, Classical Classicism

See also Hellenism; Romanticism

#### Classification

See also Cataloging; Library science; also subhead Classification under various subjects, e.g. Botany - Classification

# —Decimal

# —Expansive

# Clay

See also Bricks; Clay industries; Geology, Economic: Modeling

Refer from Christianity Refer from Culture, Primitive (s); Primitive culture (s)

Refer from Chivalry; Feudalism; Medieval civilization (s); Middle ages — Civilization (s)

Refer from Oriental civilization (8) Refer from Pagan civilization (s)

Refer from Finance; International law

Refer from Animal magnetism; Divination; Fortune telling; Mind reading; Psychical research; Second sight; Spiritualism; Thought transference

Refer from Feudalism; Highlands of Scotland; Scotland; Scottish clans (s); Society, Primitive; Tartans; Tribes and tribal system Refer from Colleges and universities; Commencements; Student life

Refer from Equality; Leisure class; Precedence; Social classes (s); Society; Sociology

Refer from Archaeology; Art, Ancient; Greece — Antiquities; Rome — Antiquities

Refer from Biography; Greece - Biography; Rome - Biography

Refer from Classical antiquities; Dictionaries; History, Ancient; Mythology; Mythology, Classical; Reference books

Refer from Colleges and universities; Curriculum; Education; Education, Classical (8); Education, Higher (8); Higher education (8); Humanism; Humanities (s); Language

Refer from Greek literature; Latin literature; Literature

Refer from Art; Classical literature; Esthetics; Hellenism; Literature; Romanticism

Refer from Bibliography; Books; Cataloging; Library science

Refer from Decimal classification (s); Dewey classification (s)

Refer from Cutter classification (s); Expansive classification (s)

Refer from Bricks; Geology, Economic; Soils

Caeaning house eurreure

Clay industries

See also Bricks; Chemistry, Technical; Pottery; Tiles

Clay modeling see Modeling

Cleaning

See also Bleaching; Drying; Dyes and dyeing; House cleaning; Laundry; Soap; Street cleaning; Sweeping; Vacuum cleaning systems

Cleanliness

See also Baths and bathing; Disinfection and disinfectants; Sanitation

Clearing houses

See also Banks and banking; Exchange; Trust companies

Clearing of land

See also Lumber and lumbering

See also Benefit of clergy; Bishops; Celibacy; Monasticism; Ordination; Pas-toral work; Preachers; Preaching; Priests; also names of churches, subhead Clergy

#### —Biography

Cliff dwellers and cliff dwellings

See also Archaeology; Arizona - Antiquities; Mexico — Antiquities

## Climate

See also Acclimatization; Cold; Health resorts; Medical geography; Meteorology; Physical geography; Rain; Seasons; Temperature; Weather; also names of countries and cities, subhead Climate

Climatology see Climate

Climbing plants
See also Botany — Physiology

Clinical medicine see Medicine - Practice **Clippings** 

See also Scrapbooks

Clocks and watches

See also Pendulum; Timekeepers

Cloisonné

See also Enamel

Cloisters see Convents and nunneries; Monasteries

Close communion

See also Baptists; Lord's supper

Closed shop see Open and closed shop Cloth see Textile industry and fabrics

Clothing

See also Buttons; Consumers' leagues; Costume; Dress reform; Dressmaking; Fur; Garment cutting; Hosiery; Sumptuary laws; Sweating system; Tailoring; Textile industry and fabrics; Toilet; Underwear; Uniforms

Refer from Bricks; Chemistry, Technical; Clay; Industrial arts; Pottery; Tiles

Refer from Bleaching; Chemistry, Household; Dyes and dyeing; Laundry; Sanitary chemistry; Scouring (s)

Refer from Home economics; Hygiene; Sanitation

Refer from Banks and banking; Exchange

Refer from Agriculture; Land; Land clearing (8)

Refer from Church polity; Curates (s); Deacons; Ministers of the gospel (s); Ordina-tion; Parsons (s); Pastoral theology (s); Pastoral work; Pastors (s); Preachers; Priests; Professions; Rectors (s); Theology; Theology, Pastoral (s)

Refer from Biography; Christian biography

Refer from Anthropology; Archaeology; Architecture, Ancient; Arizona — Antiquities; Ethnology; Indians; Mexico — Antiquities; Pueblos

Refer from Acclimatization; Climatology (s); Earth; Ethnology; Health resorts; Hygiene; Medical climatology (s); Medical geography; Meteorology; Physical geography; Temperature; Therapeutics; Weather

Refer from Botany; Botany — Physiology; Plants; Plants, Climbing (s); Vines (s)

Refer from Newspaper clippings (8); Newspapers; Press clippings (s); Quotations; Scrapbooks

Refer from Horology (s); Manufactures; Timekeepers; Watches (s)

Refer from Enamel; Shippo (8)

Refer from Baptism; Baptists; Church membership; Communion (s); Lord's supper

Refer from Costume; Dress (s); Dry goods; Fashion; Hygiene; Manufactures; Textile industry and fabrics



Clouds

See also Meteorology

Clover

Clowns

See also Circus; Fools

Clubs

See also Book clubs; Boys' clubs; Girls' clubs; Mothers' clubs; Neighborhood gilds; Societies; Study clubs; Women's clubs; Working women's clubs; Workingmen's clubs; also names of cities, subhead Clubs

Coaches and coaching

See also Carriages; Driving; Omnibuses; Roads

Coaching see Coaches and coaching

Coal

See also Briquets; Coal mines and mining; Coal regions; Coal-tar colors; Coal-tar products; Coaling stations; Coke; Gas; Geology, Economic; Lignite

Coal gas see Gas Coal lands see Coal regions

Coal mines and mining

See also Anthracite coal strike, 1902; Coal regions; Mine accidents; Miners; Mining engineering, and references under that subject

Coal oil see Petroleum

Coal regions

See also Geology, Economic

See also Chemistry, Technical; Dyes and

Coal-tar products

See also Chemistry, Technical; Coal-tar colors; Distillation; Gas; Oils and fats; Petroleum

Coaling stations

Coast artillery see Artillery

Coast changes

See also Erosion; Physical geography

Coast defense

See also Armor plate; Artillery; Mines, Submarine; also names of countries, subhead Defenses

Coast pilots see Pilot guides

Coasting

See also Tobogganing; Winter sports

Coats of arms see Devices; Heraldry Cobalt

See also Metals

Cocaine

See also Anesthetics; Narcotic habit

Coccidae see Scale insects

Cocoa

See also Beverages; Chocolate

Cocoons

See also Silkworms

Refer from Meteorology Refer from Feeding and feeding stuffs; Forage plants; Grasses; Hay

Refer from Circus; Harlequins (s)

Refer from Corporations; Societies

Refer from Amusements; Carriages; Coaching (s); Driving; Horsemanship; Locomotion; Riding (s); Stage-coaches (s); Vehicles

Refer from Anthracite coal (s); Bituminous coal (s); Carbon; Chemistry, Organic; Fuel; Geology; Geology, Economic; Lignite; Mineralogy

Refer from Coal; Mines and mineral resources

Refer from Coal; Coal lands (s); Coal mines and mining; Geology, Economic

Refer from Aniline colors (s); Chemistry, Technical; Coal; Coal-tar products; Color; Dyes and dyeing

Refer from Chemistry, Technical; Coal; Commercial products; Distillation; Gas; Petroleum

Refer from Coal; Navies; U. S .- Navy

Refer from Erosion; Ocean; Physical geography; Seashore

Refer from Armor plate; Desenses, National (s); Fortification; Harbor desense (s); Military art and science; Military engineering; Sea coast defense (s); U. S.— Defenses

Refer from Sports; Tobogganing; Winter sports

Refer from Metals

Refer from Anesthetics; Narcotic habit

Refer from Agricultural products; Agriculture — Tropics; Beverages; Chocolate

Refer from Insects

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Codes, Telegraphic, see Telegraph codes Codling moth

Coeducation

See also Education of women

Coelenterata

See also Corals and coral islands; Invertebrates

Coffee

See also Beverages

Coffee-houses see Coffeehouses

Coffeehouses

See also names of cities, subhead Hotels, taverns, etc.

Cofferdams

See also Bridges — Foundations and piers; Foundations; Piles and pile driving

Cog-wheels see Gearing Cogwheels see Gearing Coherers

See also Wireless telegraphy

Coiffure see Hairdressing

Coinage

See also Bimetallism; Gold (as money); Legal tender; Mints; Money; Silver (as money)

Coins see Coinage; Numismatics Coke Cold

See also Frost; Heat; Temperature

Cold (disease)

See also Bronchitis; Catarrh; Cough; Influenza; Respiratory organs — Diseases

Cold storage

See also Food preservation and preservatives; Refrigeration and refrigerating machinery

Coleoptera see Beetles Collaboration

Collecting see Collectors and collecting Collective bargaining see Labor unions; Trade agreements

Collectivism see Communism; Socialism

Collectors and collecting

See also names of objects collected, e.g. Antiques; Autographs; Book collecting; Plants — Collection and preservation; Postage stamps

Collects see Prayer books; Prayers

College athletics

See also Athletics; Baseball; Basketball; Football; Rowing; School athletics; Track athletics

College degrees see Degrees, Academic

Refer from Fruit — Diseases and pests; Moths

Refer from Colleges and universities; Education; Education of women; Girls

Refer from Corals and coral islands; Invertebrates; Marine zoology; Polyps (s)

Refer from Agricultural products; Agriculture — Tropics; Beverages; Cookery; Stimulants

Refer from Coffee-houses (s); Hotels; Inns

Refer from Bridges — Foundations and piers; Civil engineering; Dams; Foundations; Hydraulic engineering; Piles and pile driving

Refer from Electric apparatus and appliances; Electric waves; Wireless telegraphy

Refer from Bimetallism; Bullion (s); Coins(s); Fiat money (s); Free coinage of silver (s); Gold (as money); Mints; Money; Numismatics; Silver (as money)

Refer from Carbon; Coal; Fuel

Refer from Climate; Freezing (s); Frost; Heat; Meteorology; Temperature

Refer from Catarrh; Cough; Influenza; Medicine — Practice; Respiratory organs — Diseases

Refer from Eggs; Food preservation and preservatives; Meat; Preservation of food (s); Refrigeration and refrigerating machinery; Refrigerators (s)

Refer from Authorship; Joint authorship (s); Literary collaboration (s)

Refer from Art; Collecting (s)

Refer from Athletics; Baseball; Basket-ball; College eports (s); Football; Games; Intercollegiate athletics (s); Physical education; Rowing; School athletics; Sports; Student life; Track athletics

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# College education, Value of See also Culture

## College entrance requirements

College fraternities see Fraternities, College College gowns see Costume, Academic College libraries see Libraries, College College life see Student life College periodicals see Students' periodicals College plays

College poetry see College verse College sermons

College settlements see Social settlements College songs

College sports see College athletics College stories See also School stories

College students see Student life; Students College theatricals see College plays

College verse

College yells see Yells Colleges and universities

See also Agricultural colleges; Class day; Classical education; Coeducation; Commencements; Costume, Academic; Curriculum; Degrees, Academic; Education; Education of women; Fraternities, College; Hazing; Medical colleges; Research; Scholarships; Self-government (in education); Student life; Student volunteer movement; Students; Students' periodicals; Taxation, Exemption from; University extension; Vocational education; also headings beginning College—U. S.

See also Education — U. S.; National university for the U. S.

Collisions (railroad) see Railroads — Accidents Collisions at sea

See also Admiralty; Rule of the road; Salvage; Shipwrecks; Signals; Wireless telegraphy Colloids

See also Catalysis; Chemistry, Physical

Collotype

See also Heliotype; Photomechanical processes

Colonial architecture see Architecture, Colonial Colonial furniture see Furniture, Colonial Colonial history (U. S.) see U. S.— History — Colonial period

Colonial life and customs

See also Architecture, Colonial; Furniture, Colonial; New England — Social life and customs; U. S.— History — Colonial period; also names of the thirteen original states and their cities, subhead Social life and customs Colonial wars see U. S.— History — Colonial period

Refer from Culture; Education; Education, Higher (s); Higher education (s) Refer from Entrance examinations (s); Examinations; High schools

Refer from Amateur theatricals; College theatricals (s); Drama

Refer from Baccalaureate sermons (s); Sermons

Refer from Drinking songs; Student songs (s); Songs

Refer from Fiction; School stories; Student life

Refer from College poetry (s); Poetry

Refer from Classical education; Education; Education, Higher (s); Higher education (s); Schools; Student life; Students; Universities (s)

Refer from Education — U. S.; U. S.— Colleges and universities (s); U. S.— Universities (s)

Refer from Accidents; Admiralty; Disasters; Maritime law; Navigation; Shipwrecks

Refer from Catalysis; Chemistry, Physical; Solution (chemistry)

Refer from Heliotype; Photography; Photomechanical processes

Refer from Frontier and pioneer life; New England — Social life and customs; U. S.— History — Colonial period U. S.— Social life and customs



Colonies and colonization

See also Farm colonies; Frontier and pioneer life; Immigration and emigration; Imperialism; Military government; Penal colonies; also U. S.— Insular possessions, and names of other countries, subhead Colonies

Colonization see Colonies and colonization Colonization of negroes see Africa - Colonization; Negroes — Colonization

Colophons See also Title-pages

Color

See also Chromolithography; Coal-tar colors; Dyes and dyeing; Indigo; Light; Painting; also headings beginning Color

Color blindness

See also Color sense

Color of animals

See also Albinos and albinism; Color of insects; Mimicry (biology)

Color of flowers

See also Botany - Physiology; Color of plants; Fertilization of plants

Color of insects Color of man

See also Albinos and albinism; Hair

Color of plants

See also Botany - Physiology; Color of

Color photography

Color printing

See also Chromolithography; Color photography; Color prints Color prints

Color sense

See also Color blindness

Colored people see Negroes Coloring of metals see Metal coloring Colportage see Bible — Publication and distribution; Tracts Columns

See also Architecture; Orders of architecture; Strength of materials Combat, Trial by, see Wager of battle

Combination, Industrial

See also Employers' associations; Labor unions; Restraint of trade; Trusts

Refer from Colonization (s); Dependencies (s); Frontier and pioneer life; Government; History; Immigration and emigration; Imperialism; Sociology

Refer from Books; Cataloging; Incunabula;

Printing; Title-pages
Refer from Chemistry; Chromatics (s); Dyes and dyeing; Esthetics; Light; Paint; Painting; Painting, Mechanical; Photometry; Pigments (s)

Refer from Blind; Color sense; Daltonism (s); Eye — Diseases and defects; Light;

Refer from Animal coloration (s); Animals; Animals — Coloration (s); Biology; Evolution; Metachrosis (s); Mimicry (biology); Pigmentation (s); Variation (biology); Zoology

Refer from Botany; Botany - Physiology; Color of plants; Fertilization of plants; Flowers; Variation (biology)

Refer from Color of animals; Insects; Varia-

tion (biology)

Refer from Albinos and albinism; Anthropology; Complexion (s); Ethnology; Evolution; Face; Man; Negroes; Physiology.; Pigmentation (s); Skin; Yellow races

Refer from Biology; Botany - Physiology; Color of flowers; Evolution; Plants; Plants -Color (s); Variation (biology)

Refer from Chromophotography (s); Color printing; Heliochromy (s); Photography; Photography, Color (s)

Refer from Chromolithography; Engraving;

Refer from Chromolithography; Color printing; Engravings

Refer from Color blindness; Psychology; Psychology, Comparative; Senses and sensation; Sight; Vision (s)

Refer from Architecture; Orders of architecture; Pillars (s)

Refer from Cartels (economics) (s); Competition; Economics; Employers' associations; Industrial combination (s); Kartels (economics) (s); Labor and capital; Labor unions; Restraint of trade; Trades combination (s); Trusts

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Combustion

See also Fire; Fuel; Heat; Mechanical draft; Smoke Comedians see Actors; Comedy Comedy

See also Burlesques; Drama

Comets

See also Astronomy Comic histories Comic literature see Humor; Satire Comic operas see Operettas Commandments

See also Bible - Old Testament - Exodus; Mosaic law

Commencements

See also Class day

Commentaries see Bible - Commentaries, and other subjects commented on

See also Accounting; Advertising; Auctions; Balance of trade; Bankruptcy; Banks and banking; Boards of trade; Bookkeeping; and banking? Boards of trade; Bookkeeping; Booksellers and bookselling; Business; Business depression; Canals; Capital; Carriers; Communication; Competition; Consumption (economics); Contraband of war; Contracts; Cooperation; Corporations; Credit; Debt; Economics; Embargo laws; Exchange; Fairs; Finance; Food supply; Foreign exchange; Freight; Fur trade; Gilds; Government regulation of industry; Grange; Hanseatic league: Harbors: Inland navigation: ment regulation of industry; Grange; Harberseatic league; Harbors; Inland navigation; Insurance; Interest; International law; Interstate commerce; Labor unions; Loans; Manufactures; Maritime law; Marketing of farm produce; Markets; Merchants; Money; Monopolies; Navigation; Neutrality; Packing for shipment; Panics; Partnership; Pawnbroking. Prices. Profit shring. Processing the process of the p Pawnbroking; Prices; Profit sharing; Pros-Pawnbroking; Prices; Profit Sharing; Prosperity; Railroads; Reciprocity; Restraint of trade; Salesmanship; Shipping; Smuggling; Speculation; Stamp duties; Statistics; Steam navigation; Stock exchange; Stocks; Subsidies; Success; Tariff; Tariff question; Telegraph codes; Trade-marks; Trading companies; Transportation; Trust companies: Trusts: Warehouses: Waterways: nies; Trusts; Warehouses; Waterways; Weights and measures; also headings beginning Commercial, names of articles of commerce, names of countries, subheads Commerce and Industries and resources, and names of cities, subheads Business and Industries

Commercial arithmetic see Arithmetic, Com-. mercial

Commercial correspondence

-French Commercial courts Commercial crises see Business depression; Commercial education see Business education

Refer from Chemistry; Fire; Heat; Mechanical draft; Spontaneous combustion (s)

Refer from Burlesques; Comedians (s); Drama; Humor

Refer from Astronomy Refer from History, Comic (s); Humor

Refer from Bible; Bible - Old Testament -Exodus; Decalogue (s); Ethics; Mosaic law; Ten commandments (s)

Refer from Colleges and universities; Graduation (s); High schools

Refer from Balance of trade; Business; Capital; Carriers; Communication; Consump-tion (economics); Economics; Exchange; Exportation (s); Exports (s); Finance; Foreign trade (s); Imports (s); Industrial arts; Manu-factures; Merchandise (s); Merchants; Money; Navigation; Ocean; Railroads; Shipping; Tariff; Trade (s); Transportation

Refer from Business correspondence (s); Business education; Correspondence (s); Letter writing

Refer from French language Refer from Commercial law; Courts



Commercial ethics see Business ethics

Commercial geography

See also Anthropogeography; Commercial products; Manufactures; Natural resources; Transportation

Commercial law

See also Administrators and executors; Admiralty; Agency; Arbitration and conciliation, Industrial; Assignments; Attachment; Auditing; Bailments; Bankruptcy; Brokers and factors; Business; Carriers; Commercial courts; Competition; Consuls; Contracts; Conveyancing; Corporation law; Debt; Deeds; Exchange; Foreign exchange; Forms (in law); Guaranties and sureties; Insurance; Joint-stock companies; Landlord and tenant; Liens; Maritime law; Mort-gages; Negotiable instruments; Notaries; Partnership; Property; Real estate; Sale; Trust companies; Trustees; Trusts; alco subhead Law under various subjects, e.g. Banks and banking — Law
Commercial paper

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Commercial products

See also Agricultural products; Animal products; Coal-tar products; Commercial geography; Forest products; Manufactures; Natural resources; also names of individual products, e.g. Asphalt, Petroleum; and names of countries, subhead Industries and resour-

Commercial ratings see Credit guides Commercial schools see Business education

Commercial travelers

See also Peddlers and peddling; Salesman-

Commercial treaties

See also Reciprocity; Tariff; also names of countries, subhead Treaties

Commission government see Municipal government — Commission plan

Committees

See also Legislative bodies; Parliamentary practice

Common carriers see Carriers Common lands see Commons

Common law

See also Law, and references under that subject

Common schools see Public schools

Common sense

Commonplace books

Commons

See also Mark (land); Parks; Vacant lot

cultivation; Village communities Commonwealth of England see England

History — Civil war and commonwealth Commune, Paris, see France — History — Third republic, 1870—; Paris — History — Siege and commune

Refer from Commercial products; Economic geography (s); Geography; Geography, Commercial (s); Geography, Economic (s); Natural resources

Refer from Admiralty; Agency; Assignments; Bailments; Bankruptcy; Business; Business education; Business law (s); Carriers; Consuls; Contracts; Corporation law; Debt; Forms (in law); Guaranties and sureties; Law; Mercantile law (s); Merchants; Negotiable instruments; Partnership; Sale

Refer from Agricultura products; Animal products; Commercial geography; Forest products; Natural resources; Products, Commercial (s); Raw materials (s)

Refer from Agents (s); Business; Drummers (s); Merchants; Salesmanship; Salesmen, Traveling (s); Traveling salesmen (s); Travel-

Refer from Favored nation clause (s); Most favored nation clause (s); Reciprocity; Tariff; Treaties

Refer from Legislative bodies; Parliamentary practice

Refer from Law

Refer from Judgment; Psychology Refer from Literature

Refer from Common lands (s); Land tenure: Parks



Communication

See also Carriers; Commerce; Newspapers; Postal service; Printing; Railroads; Telegraph; Telegraph codes; Telephone; Transportation; Waterways; Wireless telegraphy Communion see Close communion; Lord's supper

Communism

See also Anarchism and anarchists; Harmonists; Individualism; Land nationalization; Shakers; Socialism; Tribes and tribal system; Village communities; also names of communities, e.g. Brook Farm

Communities see Communism; Village communities; also names of communities Commutators

See also Dynamos; Electric motors

Comparative anatomy see Anatomy, Comparative Comparative morphology see Anatomy, Com-

parative; Morphology

Comparative mythology see Mythology Comparative philology see Language — Com-

parative philology Comparative physiology see Physiology, Comparative

Comparative psychology, see Psychology, Comparative

Comparative religion see Religions Compass

See also Magnetism, Terrestrial

Compassion see Sympathy
Compensation see Bounties; Damages; Employers' liability; Indemnity; Pensions;
Rewards (prizes, etc.); Salaries; Wages

Competition

See also Combination, Industrial; Department stores; Monopolies; Supply and demand; Trusts

Competitive examinations see Civil service examinations; Examinations

Complexion see Beauty, Personal; Color of man; Cosmetics

Composers see Musicians

Composing machines see Typesetting machines Composite photography see Photography, Composite

Composition (art)

See also Art; Painting; Proportion (art)
Composition (English)

See also Letter writing; Rhetoric

Composition (music)

See also Canon (music); Counterpoint; Fugue; Harmony; Instrumentation and orchestration; Melody; Music; Musical accompaniment

Composition (printing) see Typesetting

Refer from Carriers; Commerce; Economics; Transportation

Refer from Collectivism (s); Communities(s); Cooperation; Economics; Government; Individualism; Labor and laboring classes; Land nationalization; Profit sharing; Property; Socialism; Socialistic communities (s); Sociology; Village communities

Refer from Armatures; Dynamos; Electric machinery; Electric motors; Electromagnets

Refer from Declination of the compass (s); Magnetic needle (s); Magnetism; Magnetism, Terrestrial; Mariner's compass (s); Navigation; Surveying instruments; Variation of the compass (s)

Refer from Business; Business ethics; Commerce; Commercial law; Economics; Monopolies; Supply and demand; Trusts

Refer from Art; Painting; Proportion (art)

Refer from Composition (rhetoric) (s); English composition (s); English language; English language — Composition (s); Rhetoric

Refer from Music; Music — Theory; Musical composition (s)

.

Composition (rhetoric) see Composition (English); Letter writing; Rhetoric; also names of languages other than English, e.g. German language — Composition

Compressed air

See also Air compressors; Caisson disease; Pneumatic tubes; Vacuum cleaning systems

Compressed air disease see Caisson disease Compressibility

See also Elasticity; Matter

Compromise

Compulsory education

See also Child labor; Illiteracy; School attendance; School laws; Truancy

Compulsory insurance see Insurance, State and compulsory

Concentration see Attention Concentration camps

See also South African war, 1899-1902

Concentration of schools see Schools - Centralization Concert halls see Music halls

Concerts

Conchology see Mollusks

Conciliation, Industrial, see Arbitration and conciliation, Industrial

Concordances see Bible - Concordances, and names of authors to whose works concordances have been made

Concrete

See also Asphalt; Building materials; Cement; Concrete, Reinforced; Concrete construction; Concrete pottery; Masonry; Pavements; Stone, Artificial

-Reinforced

See also Building materials; Concrete; Concrete construction

Concrete construction

See also Concrete, Reinforced; Fireproof construction

Concrete pottery

Concrete steel see Concrete, Reinforced Concretions

See also Geology Condemnation of land see Eminent domain Condemned books see Prohibited books Condensation

See also Atmospheric nucleation

Condensers (electricity) See also Electrostatics

Condensers (steam) See also Steam engines **Condiments** See also Salt; Spices

Refer from Air; Air compressors; Air engines; Caissons; Foundations; Motors; Pneumatic transmission (s); Pneumatic tubes; Power; Power transmission

Refer from Hydrostatics; Matter; Physics Refer from Ethics; Political ethics

Refer from Child labor; Education; Education, Compulsory (s); School attendance; School laws

Refer from Camps (military); Military art and science; Prisoners of war

Refer from Amusements; Entertainments; Music

Refer from Béton (s); Building materials; Cement; Concrete, Reinforced; Foundations; Masonry; Pavements; Stone, Artificial

Refer from Armored concrete (s); Building materials; Concrete; Concrete construction; Concrete steel (s); Ferro-concrete (s); Reinforced concrete (s); Steel construction

Refer from Architecture; Building; Concrete; Concrete, Reinforced; Fireproof construction; Steel construction

Refer from Concrete; Garden ornaments

and furniture; Pottery

Refer from Geology

Refer from Atmospheric nucleation; Chemistry; Physics

Refer from Electric apparatus and appliances; Electric condensers (s); Electrostatics; Induction coils

Refer from Steam; Steam engines

Refer from Food; Salt; Spices



Conduct of life

See also Altruism; Ambition; Asceticism; Avarice; Boys; Business ethics; Character; Charity; Cheerfulness; Children; Christian life and character; Citizenship; Conversation; Courage; Courtesy; Culture; Duty; Eccentricity; Egoism; Ethics; Etiquet; Extravagance; Friendship; Gentlemen; Girls; Habit; Honesty; Idleness; Justice; Kindness; Leisure; Life; Loyalty; Obedience; Opportunity; Patience; Patriotism; Popularity; Procrastination; Prudence; Self-control; Self-culture; Self-denial; Self-reliance; Self-respect; Selfishness; Simple life; Solitude; Spiritual life; Standard of living; Success; Temperance; Thrift; Virtue; Work; Worry; Young men; Young women; Youth

Conducting (music)

See also Bands (music); Choirs; Orches-

tras

Conductivity, Electric, see Electric conductivity

Conductors, Electric, see Electric conductors Conduits see Aqueducts

Confectionery

See also Chocolate; Ices

Confederacies see Federal government Confession

See also Absolution; Penance; Sin

Confessions of faith see Creeds Confirmation

See also Church membership; Lord's supper

Confiscation

Conflagrations see Fires

Confucianism

See also Ancestor worship; Buddhism; China — Religion; Taoism

Congregationalism

Sce also Antinomianism; Baptists; Brownists; Calvinism; Church polity; Dissenters; Friends, Society of; New England — Religious history; Orthodoxy; Presbyterianism; Puritans; Unitarianism; Universalism Congress, U. S., see U. S. — Congress Congresses see names of bodies holding con-

Congress, U. S., see U. S. — Congress
Congresses see names of bodies holding congresses; or, when not held by any named body, see name of congress, if distinctive, otherwise name of place of meeting

Conic sections

See also Curves; Ellipse; Geometry, Analytic; Mathematics

Conjuring

See also Conjurors; Magic; Medicine men; Voodooism; Witchcraft

Conjurors

Connecticut Reserve see Western Reserve

Refer from Behavior (8); Character; Christian life and character; Duty; Ethics; Ethics, Practical (8); Life; Practical ethics (8); Selfhelp (8); Success; Young men; Young women

Refer from Bands (music); Choirs; Crchestras

Refer from Candy (s); Cookery; Manufactures; Sugar

Refer from Absolution; Auricular confession (s); Catholic church; Church discipline; Church polity; Penance; Repentance; Sin; Theology

Refer from Church membership; Church of England; Church polity; Protestant Episcopal church in the U. S.; Rites and ceremonies; Sacraments; Theology

Refer from International law; Law; Property

Refer from Ancestor worship; China — Religion; Religions

Refer from Baptists; Brownists; Calvinism; Church polity; Dissenters; Independents (church polity) (s); New England — Religious history; Orthodoxy; Puritans; Sects

Refer from Curves; Ellipse; Geometry; Geometry, Analytic; Mathematics

Refer from Amusements; Illusions and hallucinations; Juggling (s); Legerdemain (s); Magic; Necromancy (s); Prestidigitation (s); Sleight of hand (s)

Refer from Biography; Conjuring

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Consanguinity

See also Deaf and dumb; Degeneration; Epilepsy; Family; Idiocy; Insanity; Marriage

Conscience

See also Christian ethics; Liberty of conscience

Consciousness

See also Automatism; Knowledge; Perception; Personality; Psychology; Reaction time; Senses and sensation; Subconsciousness

Conscription

See also Draft riot, 1863; Military service; Recruiting and enlistment

Consecration of churches see Church dedication Conservation of energy see Force and energy Conservation of resources

See also Forests and forestry; Mines and mineral resources; Natural resources; Reclamation of land; Water power

Conservatories see Greenhouses

Consolation

Consolidation of schools see Schools — Centralization

Conspiracies

See also Assassination; Gunpowder plot; Popish plot

Constables

See also Arrest; Police

Constants see Units

Constellations see Astronomy; Stars

Constitutional history

See also Aristocracy; Cabinet system; Constitutions; Democracy; also names of countries and states, subhead Constitution Constitutional law

See also Amendments (parliamentary practice); Civil rights; Constitutions; Democracy; Eminent domain; Executive power; Federal government; Government; Habeas corpus; Injunctions; Jurisdiction; Jury; Legislative bodies; Monarchy; Natural law; Police power; Proportional representation; Referendum; Representative government and representation; Republics; Sovereignty; Suffrage

Constitutions

See also Constitutional history; Constitutional law; Government; Representative government and representation; also names of countries and states, subhead Constitution— Apostolic, see Apostolic constitutions— State

See also State governments; also names of states, subhead Constitution

Construction see Architecture; Building; Engineering Consular service see Consuls; Diplomatic and consular service Refer from Ethnology; Eugenics; Heredity; Kinship (s); Marriage; Relationship (s); Tribes and tribal system

Refer from Cases of conscience (s); Casuistry (s); Christian ethics; Duty; Ethics; Religion; Theology

Refer from Automatism; Metaphysics; Personality; Psychology

Refer from Drafting, Military (8); Military art and science; Military service; Recruiting and enlistment

Refer from Forests and forestry; Natural resources; Resources (s)

Refer from Affliction; Death; Devotional exercises; Religion; Suffering

Refer from Crime and criminals; Criminal law; History

Refer from Arrest; Law; Police; Town officers

Refer from Constitutions; Government; History; History, Constitutional (s)

Refer from Civil rights; Constitutions; Eminent domain; Executive power; Government; Habeas corpus; Jurisdiction; Jury; Law; Police power; Representative government and representation; Sovereignty; U. S.—Constitution

Refer from Constitutional history; Constitutional law; Government; Law

Refer from State constitutions (s); State governments; States (U. S.); U. S.—Constitution

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See also Commercial law; Diplomacy; Diplomatic and consular service; Exterritoriality; also names of countries, subhead Diplomatic and consular service

Consumers' leagues

See also Sweating system

Consumption see Tuberculosis Consumption (economics)

See also Commerce; Economics; Industry; Prices: Supply and demand Contact action see Catalysis

Contagion and contagious diseases

See also Bacteriology; Disinfection and disinfectants; Epidemics; Flies; Fumigation; Germ theory of disease; Immunity; Inoculation; Insects as carriers of contagion; Mosquitoes; Putrefaction; Quarantine; Rats as carriers of contagion; Vaccination; also names of diseases, e.g. Black death; Cholera, Asiatic; Diphtheria; Measles; Plague; Scarlet fever; Smallpox; Typhoid fever; Yellow fever

Contagious diseases see Contagion and contagious diseases

Contemporaries see Biography

Contentment

See also Cheerfulness; Happiness

Continents

See also Physical geography Continuation schools see Evening and continuation schools Continuous current machinery see Electric machinery

Contraband of war

See also Neutrality; Trent affair, 1861

Contract labor

See also Coolies; Indentured servants; Padrone system; Peonage Contractions see Abbreviations; Ciphers Contracts

See also Agency; Assignments; Bailments; Bonds; Building — Contracts and specifi-cations; Commercial law; Covenants; Debt; Deeds; Guaranties and sureties; Insurance; Master and servant; Mortgages; Negli-gence; Partnership; Sale; Trade agreements Contributory negligence see Negligence Controllers, Electric, see Electric controllers Conundrums see Riddles

Convalescent homes

Conventions see names of bodies holding conventions; or, when not held by any named body, see name of convention if distinctive, otherwise name of place of meeting; also names of countries and cities, subhead Conventions and public meetings Conventions, Political, see Political conven-

tions

Refer from Commercial law; Consular service (s); Diplomacy; Diplomatic and consular service; Diplomats; Exterritoriality; International law; International relations

Refer from Boycott; Clothing; Food adulteration and inspection; Hygiene, Public; Labor and laboring classes; Sweating system

Refer from Commerce; Economics; Luxury; Supply and demand

Refer from Contagious diseases (s); Diseases (s); Epidemics; Hygiene, Public; Immunity; Infection and infectious diseases (s); Medicine; Medicine - Practice; Pathology; Putrefaction; Zymotic diseases (s)

Refer from Ethics; Gladness (s); Happiness; Pleasure

Refer from Geography; Physical geography

Refer from Commerce; International law; Maritime law; Neutrality; Prizes (international law); War

Refer from Indentured servants; Labor and laboring classes; Padrone system; Peonage

Refer from Agency; Agreements (s); Commerce; Commercial law; Law

Refer from Hospitals; Sanatoriums



Convents and nunneries

See also Abbeys; Monasteries; Monasticism; Nuns; Religious orders

Conversation

See also Table-talk

Conversion

See also Christian life and character; Evangelistic work; Grace (theology); Missions; Regeneration (theology); Repentance; Revivals; Salvation

Converters, Electric, see Electric current converters

Conveyancing

See also Deeds; Forms (in law); Land titles; Mortgages; Real estate; Torrens system

Conveying machinery

See also Cableways; Hoisting machinery; Mining machinery; Pneumatic tubes; Telpherage

Conveyors see Conveying machinery

Convict labor

See also Prisons

Conviction see Belief; Certainty Convicts see Convict labor; Crime and criminals; Discharged prisoners; Penal colonies; Prisons

Cook books see Cookery Cookbooks see Cookery

Cookery

See also Aladdin oven; Baking; Baking powder; Bread; Breakfasts; Cake; Canning and preserving; Carving (meat, etc.); Catering; Cereals, Prepared; Chafing dish; Coffee; Confectionery; Cookery for the sick; Cooking schools; Desserts; Diet; Dinners and dining; Fireless cookers; Fish as food; Flavoring extracts; Food; Home economics; Kitchen; Luncheons; Menus; Ovens; Pastry; Salads; Sandwiches; Sauces; Soup; Table; Yeast

Eggs Meat

-Mushrooms Vegetables.

Cookery for the sick See also Diet

Cooking see Cookery Cooking schools Coolies

See also Labor and laboring classes — China; Labor and laboring classes — India Cooling appliances see Refrigeration and refrigerating machinery

Cooperage

Cooperation

See also Benefit societies; Brook Farm; Building and loan associations; Communism;

Refer from Abbeys; Catholic church; Church history; Church property; Cloisters (s); Monasteries; Monasticism; Nunneries (s); Nuns; Sisterhoods

Refer from Conduct of life; Etiquet; Lanage; Rhetoric; Self-culture; Society; guage; Speech; Talking (s)

Refer from Christian life and character; Evangelistic work; Missions; Regeneration (theology); Religious experience (s); Repentance; Revivals; Salvation; Theology

Refer from Commercial law; Deeds; Forms (in law); Land titles; Land transfer (s); Law; Property; Real estate; Sale; Torrens system

Refer from Cableways; Conveyors (s); Hoisting machinery; Machinery; Mining machinery; Telpherage

Refer from Convicts (s); Crime and criminals; Labor and laboring classes; Prison labor (s); Prisons

Refer from Baking; Bread; Breakfasts; Canning and preserving; Carving (meat, etc.); Chemistry, Household; Cook books (s); Cookbooks (s); Cooking (s); Desserts; Diet; Dinners and dining; Domestic arts; Eating; Food; Gastronomy (s); Home economics; Industrial arts; Kitchen; Luncheons; Pastry; Descipted (s); Saldet Sauces; Source Receipts; Recipes (s); Salads; Sauces; Soup;

Refer from Eggs Refer from Meat Refer from Mushrooms Refer from Vegetables

Refer from Cookery; Diet; Food for invalids (s); Invalid cookery (s); Nurses and nursing

Refer from Cookery

Refer from Contract labor; Labor and laboring classes

Refer from Barrels (8); Casks (8); Manufactures; Staves (s)

Refer from Association (s); Commerce; Cooperative stores (s); Economics; Labor and

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Cooperative agriculture; Cooperative housekeeping; Labor unions; Profit sharing; Savings banks; Socialism

Cooperative banks for Building and loan associations
Cooperative building associations see Building

and loan associations
Cooperative housekeeping

Cooperative stores see Cooperation Coordinate geometry see Geometry, Analytic Copper

"See also Brass; Bronze; Copper mines and mining; Coppersmithing; Metals

Copper age
See also Archaeology; Bronze age
Copper mines and mining

Coppersmithing

See also Arts and crafts; Metal coloring

Coptic church

See also Eastern churches; Egypt — Religion

Coptic language

See also African languages; Hamitic languages

Copyright

See also Authorship; Books; Booksellers
and bookselling; Publishers and publishing;
Titles of books

Corals and coral islands

See also Coelenterata

Cordage

See also Fibers; Knots and splices; Rope

See also Feeding and feeding stuffs: Grain

## Corn laws

Corners, Commercial, see Monopolies; Speculation; Stock exchange; Trusts

Comices

See also Architecture

Cornish language

See also Celtic languages

Coronations

See also Crowns

#### Coroners

Corporal punishment

See also Flogging; School management

Corporation law

See also Commercial law; Municipal law; Railroads — Law; Trusts capital; Labor and laboring classes; Labor unions; Profit sharing; Rochdale system (s); Socialism; Sociology

Refer from Agriculture; Cooperation

Refer from Cooperation; Home economics; Housekeeping (s)

Refer from Metals; Sheet-metal work

Refer from Archaeology; Bronze age Refer from Copper; Mines and mineral resources

Refer from Arts and crafts; Copper; Metal coloring; Metal work

Refer from Eastern churches; Egypt — Religion; Greek church

Refer from African languages; Egyptian language; Hamitic languages

Refer from Authors; Authorship; Books; Booksellers and bookselling; Intellectual property (s); International copyright (s); Law; Literary property (s); Literature; Playright (s); Property; Property, Intellectual (s); Publishers and publishing

Refer from Coelenterata; Islands

Refer from Hemp; Rope

Refer from Feeding and feeding stuffs; Forage plants; Grain; Indian corn (s); Maize(s)

Refer from Agricultural laws; Agriculture; Economics; England — Economic conditions; Food supply; Tariff; Tariff — England

Refer from Architecture

Refer from Celtic languages

Refer from Crowns; Monarchy; Pageants; Rites and ceremonies

Refer from County officers; Death; Inquests, Coroners' (s); Law; Local government

Refer from Children — Management; Flogging; Punishment; Rod, The (s); School management; Teaching; Whipping (s)

Refer from Commercial law; Corporations; Government regulation of industry; Law; Municipal law; Trusts



✓ Corporations

See also Bankruptcy; Bonds; Building and loan associations; Clubs; Corporation law; Gilds; Government ownership; Invest-ments; Joint-stock companies; Municipal corporations; Promoting; Public service corporations; Publicity; Receivers; Stocks; Trust companies; Trusts

-Taxation

Corpulence

Correlation of forces see Force and energy Correspondence see Commercial correspondence; Letter writing; Letters; Reporting; War correspondence

Correspondence schools and courses

Corrosion and anti-corrosives See also Paint; Waterproofing

Corrupt practices at elections see Elections; Political corruption Corruption in politics see Political corruption Corsairs see Pirates

Corundum

See also Abrasives

Cosmetics

See also Beauty, Personal; Make-up, Theatrical; Perfumery; Toilet

Cosmogony see Universe Cosmography see Universe Cosmology see Universe Cossacks

See also Russia - History

See also Prices; Value Occour iling. See also Accounting

Cost of living
See also Prices; Rent; Standard of living; Thrift; Wages

See also Pleading and practice

See also Boots and shoes; Church vest-ments; Clothing; Cosmetics; Dandies; Dress reform; Dressmaking; Fans; Fashion; Gloves; Hairdressing: Hats; Headgear; Hosiery; Jewelry; Livery; Masks (for the face); Millinery; Perfumery; Regalia; Shawls; Toilet; Umbrellas; Uniforms -Académic

Refer from Associations (s); Bonds; Business; Capitalization (finance) (s); Charters; Commerce; Finance; Government regulation of industry; Joint-stock companies; Partnership; Promoting; Societies; Stock companies (s); Stocks; Trusts

Refer from Franchise taxation (s); Taxation Refer from Fat (s); Food; Obesity (s)

Refer from Education; Home education; Schools; Self-culture; Technical education; University extension

Refer from Anti-corrosive paint (s); Chemistry, Technical; Electrolysis; Iron; Metal corrosion (s); Metal protection (s); Metals; Paint; Rust (s); Rustless coatings (s); Steel; Steel construction; Waterproofing

Refer from Abrasives

Refer from Beauty, Personal; Complexion (s); Costume; Face; Make-up, Theatrical; Toilet

Refer from Ethnology — Russia; Russia — History

Refer from Economics; Value

Refer from Accounting; Bookkeeping; Factory costs (s); Factory management; Manufactures; Scientific management

Refer from Economics; Food; Home economics; Household expenses (s); Labor and laboring classes; Living Cost of (s); Living expenses (s); Poor; Price of food (s); Prices; Social problems; Standard of living; Thrift; Wages

Refer from Actions at law; Law; Pleading and practice

Refer from Archaeology; Art; Beauty, Personal; Church vestments; Clothing; Dress (s); Ethnology; Fancy dress (s); Fans; Fashion; Gloves; Hairdressing; Hats; Headgear; Manners and customs; Masquerades; Millinery; Regalia; Style (in dress) (s); Toilet; Uniforms; Women

Refer from Academic costume (s); Cap and gown (s); Caps and gowns (s); College gowns (s); Colleges and universities; Hoods, Academic (s)

continue commens

Costume - Continued -Military, see Arms and armor; Uniforms -U. S.

Cotillion

See also Balls (parties); Dancing

Cottages

See also Architecture, Domestic; Bungalows; Country houses; Log cabins

**∠** Cotton

See also Dyes and dyeing; Fibers; Khaki; Mercerization; Textile industry and fabrics; 7 - - 1 Weaving ن تسمه

-Cultivation and manufacture

See also Cotton famine, 1861-1864; Textile factories; Textile industry and fabrics

-Diseases and pests
See also Boll weevil

Cotton-boll weevil see Boll weevil. Cotton famine, 1861-1864

Cotton growing see Cotton — Cultivation and manufacture

Cotton manufacture see Cotton - Cultivation and manufacture

Cotton mills see Cotton — Cultivation and manufacture; Textile factories

Cotton pests see Cotton - Diseases and pests Cough

See also Bronchitis; Cold (disease); Respiratory organs - Diseases

Councils and synods See also Church history; also special councils and synods, e.g. Vatican council

Counterfeits ~~

See also Antiques, Forged; Art forgeries; Bank notes; Forgery; Imposture; Money Counterpoint

See also Canon (music); Fugue

Counter-reformation

See also Catholic church — History; Jesuits; Reformation; Thirty years' war Counting out

Country houses

See also Architecture, Domestic; Bungalows; Cottages; Farm buildings

Country life

See also Camping; City and country; Farm life; Gardening; Hunting; Outdoor life; Pastoral poetry; Peasantry; Simple life; Sports

Country schools

See also Schools — Centralization

Refer from U. S .- Costume (s); U. S .-Social life and customs

Refer from Balls (parties); Dancing; German (dance) (s)

Refer from Architecture, Domestic; Architecture, Rural (8); Country houses; Rural architecture (8); Summer cottages (8); Villas (8)

Refer from Agricultural products; Agriculture — Tropics; Fibers; Textile industry and fabrics: Yarn

Refer from Cotton growing (s); Cotton manufacture (s); Cotton mills (s); Textile industry and fabrics

Refer from Agricultural pests; Boll weevil; Cotton pests (s); Insects, Injurious and beneficial; Plants — Diseases

Refer from Cotton - Cultivation and manufacture

Refer from Bronchitis; Cold (disease); Lungs; Respiratory organs - Diseases

Refer from Catholic church — Councils (s); Catholic church — History; Church councils (s); Church history; Church law; Church polity; Ecumenical councils (s); Fathers of the church; Synods (s)

Refer from Bank notes; Crime and criminals; Forgery; Fraud; Imposture; Money

Refer from Canon (music); Composition (music); Harmony; Music; Music — Theory

Refer from Anti-reformation (8); Catholic church — History; Reformation

Refer from Folklore; Games; Nursery

rhymes

Refer from Architecture, Domestic; Architecture, Rural (s); Cottages; Farm houses (s); Rural architecture (s); Suburban houses (s); Summer cottages (s); Villas (s)

Refer from City and country; Farm life; Outdoor life; Rural life (s); Simple life

Refer from District schools (s); Education; Education, Elementary; Public schools; Rural schools (s); Schools

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County officers

See also Coroners: Local government; Sheriffs

County option see Local option

Coup d'état of 1851 see France - History -

Coup d'état Couplings see Car couplings

Courage See also Heroes

Courses of study see Curriculum; Study clubs Coursing

See also Hares Court fools see Fools

Court life see Courts and courtiers

Courtesv

See also Etiquet

Courtiers see Courts and courtiers

Courts

See also Admiralty; Appeal; Chancery; Commercial courts; Courts martial; Judges; Jurisdiction; Jury; Juvenile courts; Law; Moot courts; Pleading and practice; Pro-bate law and practice; Trials; Vigilance committees; also names of countries and cities, subhead Courts

—Municipal

Courts and courtiers

See also Diplomatic memoirs; Kings and rulers; Precedence; Princes and princesses; Queens and empresses; also names of countries, subhead Court and courtiers

Courts martial

See also Military law

Courts of love

See also Troubadours

Courtship

See also Love; Marriage

Covenanters

See also Church of Scotland; Presbyterianism; Reformation - Scotland; Scotland -Religious history

Covenants

Cover crops

Cover design see Book covers Covetousness see Avarice Cow see Cows

Cowboys

See also Ranch life

See also Cattle; Dairying; Horns; Milk; Milking

Cradle songs see Lullabies

Crafts see Arts and crafts; Handicraft; Industrial arts

Cranes, derricks, etc.

See also Hoisting machinery

Craniology see Skull Cranks (machinery) Refer from Law; Local government

Refer from Bravery (s); Conduct of life; Ethics; Fear; Heroes; Heroism (s); Valor (s)

Refer from Hares; Hunting; Sports

Refer from Conduct of life; Ethics; Etiquet; Gentlemen; Manners (s); Politeness (s)

Refer from Judiciary (s); Jurisdiction; Law; Pleading and practice

Refer from Municipal corporations; Municipal courts (s); Police courts (s); U. S.— Courts

Refer from Court life (s); Courtiers (s); Etiquet; Kings and rulers; Monarchy; Princes and princesses; Queens and empresses; Society

Refer from Courts; Martial law; Military law; Military trials (s); Trials

Refer from Chivalry; Love, Courts of (s)

Refer from Love; Marriage

from Church history - Modern; Church of Scotland; Presbyterianism; Reformation — Scotland; Scotland — Religious history

Refer from Church membership; Church polity; Contracts

Refer from Agriculture

Refer from Cattle; Frontier and pioneer life; Live stock; Ranch life; Western states

Refer from Cattle; Cow (s); Dairying; Domestic animals; Live stock; Milk

Refer from Derricks (8); Hoisting machinery; Machinery

Refer from Machinery

Chair that and the start of

Crayon drawing

See also Pastel

Cream

See also Dairy products; Dairying; Milk Cream separators

See also Dairying

✓ Creameries

See also Dairying

Creation

See also Bible - Old Testament - Genesis; Earth; Evolution; Geology; God; Man

— Origin and antiquity; Mythology; Religion and science; Teleology; Theology;

## Crèches

✓ Credit

See also Agricultural credit; Banks and banking; Credit guides; Debt; Debts, Public; Instalment plan; Loans; Money; Negotiable instruments

Crédit foncier see Agricultural credit

Credit guides

Creeds

See also Apostles' creed; Athanasian creed; Catechisms; Nicene creed; also names of churches, sects, etc., subhead Catechisms and creeds

Cremation

See also Urn burial

#### Creoles

Crests see Heraldry Cretaceous period see Geology, Stratigraphic - Cretaceous; Paleontology — Cretaceous Cribbage

See also Cards

Cricket (game) Cries see Battle cries; Street cries; Yells

Crime and criminals

See also Adulterations; Adultery; Alcoholism; Anarchism and anarchists; Anthropometry; Assassination; Bertillon system; Bribery; Brigands and robbers; Burglary; Capital punishment; Conspiracies; Convict labor; Counterfeits; Criminal law; Dacoits; Defectives; Degeneration; Detectives; Discharged prisoners; Education and crime; Embezzlement; Extradition; Forgery; Fraud; Gambling; Graft; Heredity; Identification; Indeterminate sentence; Infanticide; Juvenile delinquency; Kidnapping; Larceny; Lotteries; Lynch law; Mafia; Murder; Mutiny; Outlaws; Pardon; Parole; Penal colonies; Perjury; Pirates; Police; Political offenses; Prisons; Probation system; Pros-titution; Punishment; Reformatories; Regicides; Riots; Smuggling; Suicide; Swindlers and swindling; Thieves; Thugs; Tramps; Treason; Trials; Vice; Vigilance committees; Women—Crime; Workhouses; also names of cities, sub-head Crime and criminals

Refer from Drawing; Portraits

Refer from Dairy products; Dairying; Milk

Refer from Dairying; Milk; Separators, Cream (8)

Refer from Dairying

Refer from Bible; Bible — Old Testament — Genesis; Earth; Earth — Age; Evolution; Geology; God; Man; Man — Origin and antiquity; Natural religion; Philosophy; Re-ligion and science; Teleology; Theology; Universe

Refer from Charities; Children - Charities, protection, etc.; Day nurseries (s); Nurseries,

Day (s)

Refer from Banks and banking; Bills of credit (s); Bills of exchange (s); Business; Commerce; Debt; Economics; Finance; Money; Speculation

Refer from Commercial ratings (s); Credit

Refer from Belief; Catechisms; Church history; Church membership; Confessions of faith (s); Faith; Symbolics (s); Symbolism (theology) (s); Theology

Refer from Burial; Burning the dead '(s); Death; Hygiene, Public; Mortuary customs(s) Refer from Latin races; Louisiana; Southern

Refer from Cards Refer from Ball (s); Games

Refer from Anthropology; Biography; Convicts (s); Criminal anthropology (s); Criminal law; Criminals (s); Criminology (s); Dangerous classes (s); Defectives; Degeneration; Dependent classes (s); Ethics; Felony (s); Government; Identification; Immorality (s); Law; Outlaws; Police; Prisons; Punishment; Sin; Social problems; Sociology; Vice

Cropionis

Crime and criminals — Continued — U. S.

See also Prisons - U. S.

Crimean war

See also Europe — History — 1789-; Russia — History; Turkey — History

Criminal anthropology see Crime and criminals Criminal law

See also Arrest; Bail; Capital punishment; Conspiracies; Crime and criminals; Evidence; Extradition; Indeterminate sentence; Jury; Juvenile courts; Law; Ordeals; Perjury; Prisons; Probation system; Punishment; Trials; Vigilance committees; also special crimes, e.g. Assault, Murder Criminals see Crime and criminals Criminology see Crime and criminals Crimes, Commercial, see Business depression; Panics

Critical philosophy
See also Philosophy, German

**Criticism** 

See also Art — Criticism; Bible — Criticism and interpretation; Book reviews; Esthetics; Literature — History and criticism; Music — History and criticism; Rhetoric; also names of literatures, subhead History and criticism

Crocheting
See also Fancy work
Crockery see Pottery
Cromlechs

Crop reports Agriculture — Statistics;
Agriculture — [country subhead] — Statistics
Crop rotation see Rotation of crops
Crops

See also Agricultural products; Agriculture; Agriculture — Statistics; Rotation of crops; also names of special crops, e.g. Root crops

Croquet Cross

See also Christian art and symbolism; Crucifixion; Swastika; Symbolism

Cross-country running see Running
Cross-examination see Witnesses
Cross-ties see Railroads — Ties
Crosses see Cross
Crossings, Railroad, see Railroads — Crossings
Croup
See also Respiratory organs — Diseases

Crowds

See also Lynch law; Riots; Social psychology

Crown gall

Crown lands see Public lands

Refer from Prisons — U. S.; U. S.— Crime and criminals (s)

Refer from Eastern question (Near East); England — History — Victorian period; Europe — History — 1789-; France — History — Second empire; Russia — History; Russo-Turkish war, 1853-1856 (s); Turkey — History

Refer from Crime and criminals; Law; Penal codes (s); Penal law (s); Punishment

Refer from Kantianism (s); Philosophy; Philosophy, Critical (s); Philosophy, German

Refer from Appraisal of books (s); Book reviews; Books — Appraisal (s); Esthetics; Evaluation of literature (s); Literary criticism (s); Literature; Literature — History and criticism; Rhetoric

Refer from Fancy work; Needlework

Refer from Archaeology; Dolmens (s); Monuments; Tombs

Refer from Agricultural products; Agriculture

Refer from Games

Refer from Archaeology; Christian art and symbolism; Crosses (s); Crucifixion; Jesus Christ; Legends; Symbolism; Theology

Refer from Children — Diseases; Medicine - Practice; Respiratory organs — Diseases

Refer from Mobs (s); Psychology; Social psychology; Sociology
Refer from Fruit — Diseases and pests; Fungi; Galls (botany)

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Crowns

See also Coronations

Crucifixion

See also Cross; Jesus Christ - Passion

Cruelty

See also Animals - Treatment

Cruisers see Warships

See also Children's crusade; Chivalry; Middle ages - History; Saracens

Crusoe stories see Castaways

Crustacea

See also Arthropoda; Trilobites

Cryptogams

See also Algae; Botany; Ferns; Fungi;

Lichens; Mosses

Cryptography see Ciphers

Crypts

See also Tombs

Crystal gazing

Crystallization see Crystallography

Crystallography

See also Mineralogy

Cultivated plants see Plants, Cultivated

Cultivating see Tillage

Cultivation of vacant lots see Vacant lot cultivation

Culture

See also Civilization; College education, Value of; Education; Humanism; Scholars; Self-culture

-Primitive, see Civilization — History

Culverts

See also Bridges

Cumberland, Army of the, see Army of the

Cumberland Cumberland road

Cuneiform writing

See also Assyrian language; Assyro-Baby-

lonian literature

Cup races see America's cup; Yachts and yacht-

ing

Cupola furnaces

See also Foundry work

Cupping

See also Bloodletting

Curates see Clergy

Curfew law Curling

See also Winter sports

Currency see Money

Currents see Electric currents; Ocean currents;

Winds

Currents, Alternating, see Electric currents,

Alternating

Refer from Coronations; Regalia

Refer from Cross; Punishment

Refer'from Ethics

Refer from Children's crusade; Chivalry; Church history - Middle ages; History; Middle ages - History; Saracens

Refer from Arthropoda; Invertebrates; Marine zoology; Trilobites

Refer from Algae; Botany; Bryophytes (s); Ferns; Fungi; Lichens; Mosses

Refer from Church architecture; Tombs Refer from Divination; Fortune telling; Occult sciences

Refer from Chemistry; Chemistry, Physical; Crystallization (s); Groups, Theory of; Mineralogy

Refer from Civilization; College education, Value of; Conduct of life; Education; Learning (s); Scholars; Scholarship (s)

Refer from Arches; Bridges; Hydraulic engineering; Railroads — Construction

Refer from National road (s); Roads -U. S.; Middle states

Refer from Alphabet; Assyrian language; Assyro-Babylonian literature; Inscriptions; Writing

Refer from Blast furnaces; Foundry work; Furnaces; Tuyeres (s)

Refer from Bloodletting; Therapeutics

Refer from Children - Law

Refer from Games; Winter sports

Curriculum

See also Classical education; Overpressure (education); Vocational education

Curved surfaces see Surfaces

See also Circle; Conic sections; Curves in engineering

Curves in engineering

See also Civil engineering

Customs see Manners and customs; Tariff Cut glass see Glass Cutaneous diseases see Skin — Diseases Cutlery

See also Knives

Cutter classification see Classification, Expansive

Cutting see Dressmaking; Garment cutting; Tailoring

**Cutworms** 

Cyanide process

See also Metallurgy

Cycles, Motor, see Motor cycles

Cycling

See also Bicycles and tricycles; Motor cycles

Cyclones

See also Hurricanes; Storms; Tornadoes

Cyclopedias see Encyclopedias Cycloramas

See also Panoramas
Cymric language see Welsh language
Cymric literature see Welsh literature
Cyphers see Ciphers
Cytokinesis see Karyokinesis
Cytology see Cells
Czechic language see Bohemian language
Czechic literature see Bohemian literature
Czechs

See also Bohemia; Slavs

**Dacoits** 

Daguerreotypes

See also Photography

Daily readings

Dairy see Dairying

Dairy bacteriology

See also Bacteriology, Agricultural;

Cheese; Milk

Dairy chemistry see Agricultural chemistry; Dairy bacteriology

Dairy products

See also Butter; Cheese; Cream; Dairying; Milk; Oleomargarine

Refer from Classical education; Colleges and universities; Courses of study (s); Education; Overpressure (education); Schools; Teaching

Refer from Calculus; Conic sections; Geometry; Geometry, Analytic

Refer from Civil engineering; Curves; Engineering; Railroads — Construction

Refer from Hardware; Knives; Manufactures; Metal work

Refer from Insects, Injurious and beneficial; Moths

Refer from Electrometallurgy; Gold; Metallurgy; Ore treatment; Silver

Refer from Bicycles and tricycles; Bicycling (s); Locomotion; Sports; Tricycling (s); Wheeling (s)

Refer from Hurricanes; Meteorology; Storms; Tornadoes; Winds

Refer from Panoramas

Refer from Bohemia; Slavs

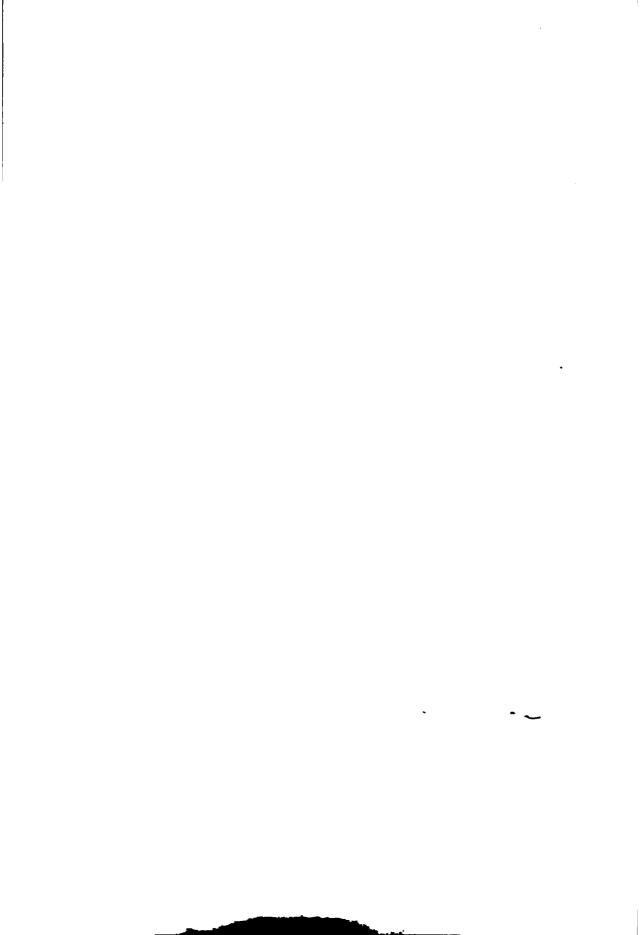
Refer from Brigands and robbers; Crime and criminals; Dakoits (s); Murder

Refer from Photography

Refer from Calendars; Devotional exercises; Quotations

Refer from Bacteriology; Bacteriology, Agricultural; Cheese; Chemistry, Dairy (s); Dairy chemistry (s); Dairying; Milk

Refer from Agricultural products; Animal products; Butter; Cheese; Cream; Dairying; Milk



Dairying

See also Butter; Cattle; Cheese; Cows; Cream; Cream separators; Creameries; Dairy bacteriology; Dairy products; Goats; Milk; Milking

Refer from Agriculture; Butter; Cattle; Cheese; Cows; Cream; Cream separators; Creameries; Dairy (s); Dairy products; Home economics; Milk; Milking

Dakoits see Dacoits Daltonism see Color blindness

Damages

See also Appraising; Arbitration and award; Demurrage; Eminent domain; Employers' liability; Indemnity; Libel and slander; Negligence

Damascening see Damaskeening Damaskeening

# Dampness in buildings

#### Dams

See also Cofferdams; Embankments; Hydraulic engineering; Irrigation; Masonry; Reservoirs; Walls

Dance music

See also Dancing; Waltzes

Dancing

See also Ballet; Balls (parties); Cotillion; Dance music; Indians - Dances; Morris

#### **Dandies**

Danegeld

See also Taxation - England Danes in the U.S.

See also Scandinavians in the U.S.

Dangerous classes see Crime and criminals:

Dangerous occupations see Occupations,

Dangerous Danish language

See also Scandinavian languages

Danish literature

See also Norwegian literature; Scandinavian literature Darbyites see Plymouth brethren Dark ages see Middle ages Darning see Mending and repairing Darwinism see Darwin, Charles; Evolution; Natural selection Dates see Chronology, Historical Day nurseries see Crèches Day of judgment see Judgment day Dayaks see Dyaks

Daylight saving

Days See also Almanacs; Birthdays; Fasts and feasts; Festivals; Holidays; Night; also names of days of the week, and of special days, e.g. April fools' day; May day

Refer from Accidents; Agency; Appraising; Arbitration and award; Compensation (s); Demurrage; Eminent domain; Employers' liability; Indemnity; Injuries (s); Law; Negligence; Property; Torts

Refer from Damascening (s); Inlay; Metal work Refer from Buildings, Dampness in (5); Humidity; Waterproofing

Refer from Earthwork; Hydraulic engineering; Irrigation; Masonry; Reservoirs; Rivers; Walls; Water supply; Weirs (s)

Refer from Dancing; Instrumental music; Music; Waltzes

Refer from Amusements; Ballet; Balls (parties); Cotillion; Dance music; Ethics; Etiquet; Folk dances (s); Morris dance; Waltzing (s) Refer from Beaux (s); Costume; Fashion; Fops (s)

Refer from Taxation

Refer from Scandinavians in the U. S.; U. S. — Foreign population

Refer from Germanic languages; Scandinavian languages

Refer from Norwegian literature; Scandinavian literature

Refer from Hours of labor; Time

Refer from Time

Refer from Church polity; Church work; Sisterhoods; Women

# Deaconesses



Descons

For deacons in orders see Clergy

Dead see Death

Deaf and dumb

See also Deafness; Defectives; Lip reading; Sign language

## —Asylums and education

Deaf-mutes see Deaf and dumb Deafness

See also Deaf and dumb; Ear; Hearing

See also Autopsy; Biology; Burial; Consolation; Coroners; Cremation; Embalming; Eschatology; Funeral rites and ceremonies; Future life; Future punishment; Heaven; Hell; Mortality; Mourning customs; Murder; Purgatory; Resurrection; Suicide; Vital

-Apparent. see Suspended animation Death-bed words see Last words of famous people

Death duties see Inheritance and transfer tax Death notices see Obituaries

Death penalty see Capital punishment Death rate see Mortality; Vital statistics Death records see Vital records

Debates see Debating; also names of legislative bodies, etc.

Debating

See also Elocution; Logic; Oratory; Parliamentary practice

Debt

See also Assignments; Bankruptcy; Commercial law; Credit; Debts, Public; Limitations (law); Loans

Debts, Public

See also Drago doctrine; Finance; Loans; Repudiation; Sinking funds; also names of countries and cities, subhead Finance

Decadence see Degeneration Decalogue see Commandments

Decimal classification see Classification, Decimal

Decimal system

See also Metric system; Weights and measures

Declamation see Elocution; Orations; Recitations and readings

Declaration of independence

See also Fourth of July; U. S. - History Revolution

-Signers

Declination of the compass see Compass Decoration and ornament

See also Arabesque; Architectural design; Architecture; Art; Arts and crafts; Basrelief; Bric-a-brac; Bronzes; Bronzing; Cabinet work; Carving (art industries); China painting; Church decoration and ornament; Design, Decorative; Devices;

Refer from Church polity

Refer from Consanguinity; Deaf-mutes (s); Deafness; Defectives; Dumb (s); Ear; Lip reading; Sign language; Speech Refer from Asylums; Charities; Charities,

Medical: Education

Refer from Deaf and dumb; Ear; Hearing; Medicine — Practice

Refer from Biology; Dead (s); Eschatology; Future life; Life; Mortality; Mortuary customs (s); Theology

Refer from Argument (s); Debates (s); Discussion (s); Elocution; Logic; Oratory

Refer from Bankruptcy; Commerce; Commercial law; Credit; Contracts; Law; Loans

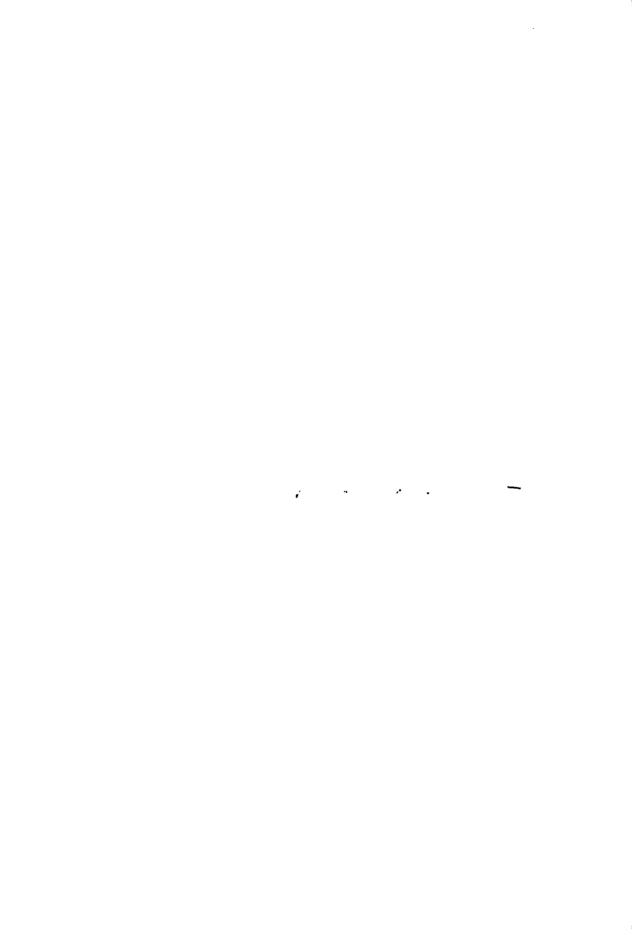
Refer from Bonds; Credit; Debt; Economics; Finance; National debts (s); Public debts (s); Repudiation; State debts (s)

Refer from Arithmetic; Metric system; Money; Notation (mathematics); Weights and measures

Refer from Fourth of July; U. S. - History Revolution

Refer from Signers of the Declaration of independence (s); U. S. —Biography; U. S. — History — Revolution — Biography

Refer from Arabesque; Architecture; Art; Art, Decorative (s); Arts and crafts; Bric-abrac; Cabinet work; Design, Decorative; Drawing; Fancy work; House decoration; Ornament (s); Painting; Wood carving



Embroidery; Enamel; Fancy work; Floral decoration; Frescoes; Furniture; Gems; House decoration; Illumination of manuscripts and books; Illustration of books; scripts and books; Illustration of books; Inlay; Ironwork; Jewelry; Lettering; Metal work; Moldings; Monograms; Mosaics; Mural painting and decoration; Painting; Plant forms; Pottery; School decoration; Sculpture; Stained glass; Stencil work; Stucco; Tapestry; Terra cotta; Textile design; Vases; Window dressing; Wood carving

Decoration day see Memorial day

Decorations of honor

See also Heraldry; Insignia; Medals; Titles of honor and nobility; Victoria cross Decorative design see Design, Decorative Dedication of books see Book dedication Dedication of churches see Church dedication Deeds

See also Acknowledgments; Charters; Conveyancing; Easements; Gifts; Land titles; Real estate; Torrens system

Deep-sea fauna see Marine zoology Deep-sea sounding see Sounding and soundings Deer

See also Reindeer; Ungulata

Defalcation see Embezziement Defamation see Libel and slander **Defectives** 

> See also Auxiliary schools; Blind; Children, Abnormal and backward; Crime and criminals; Deaf and dumb; Deformities; Degeneration; Feeble-minded; Idiocy; Insanity; Juvenile delinquency

, Defenses, National, see Coast defense; also names of countries, subhead Defenses **Definition** Deformities

See also Defectives; Monsters

Degeneration

See also Crime and criminals; Defectives: Evolution; Heredity; Insanity; Physical deterioration; Vice

# Degrees, Academic

Degrees of latitude and longitude see Geodesy; Latitude and longitude Dehorning of cattle see Horns

Deism

See also Atheism; Christianity; Free thought; God; Positivism; Rationalism; Skepticism; Theism

Delaware Indians

See also Algonquian Indians

Refer from Badges of honor (s); Heraldry; Insignia; Medals; Titles of honor and nobility

Refer from Acknowledgments; Commercial law; Contracts; Conveyancing; Documents (s); Forms (in law); Land; Land titles; Real estate

Refer from Cervidae (8); Game; Hunting; Ungulata

Refer from Auxiliary schools; Blind; Children, Abnormal and backward; Crime and criminals; Deaf and dumb; Deformities; Degeneration; Dependent classes (s); Feeble-minded; Heredity; Idiocy; Insanity; Juvenile delinquency; Mentally deficient children (s); Social problems; Sociology

### Refer from Language; Words

Refer from Defectives; Monsters; Orthopedics (s); Physiology; Surgery; Teratology (s)

Refer from Anthropology; Civilization; Consanguinity; Crime and criminals; Decadence(s); Defectives; Eugenics; Evolution; Heredity; Insanity; Physical deterioration; Physiology; Vice

Refer from Academic degrees (s); Bachelor's degrees (s); College degrees (s); Colleges and universities; Doctor's degrees (s); Honorary degrees (s); Scholars; Titles of honor and

nobility; University degrees (s)

Refer from Atheism; Christianity; Free thought; God; Natural religion; Philosophy; Rationalism; Religion; Skepticism; Theism; Theology

Refer from Algonquian Indians; Lenape Indians (s); Lenni Lenape (s)

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Delinquent children see Iuvenile delinquency Delsarte system

See also Expression

Deltas

See also Physical geography

Deluge

See also Bible - Old Testament - Genesis

Delusions see Errors, Popular; Illusions and hallucinations; Imposture; Medical delusions; Sea serpents; Superstition; Swindlers and swindling; Witchcraft

Demand and supply see Supply and demand

Dementia see Insanity

Democracy
See also Aristocracy; Despotism; Equality; Federal government; Government; Liberty; Monarchy; Referendum; Representative government and representation; Republics; Socialism; Suffrage; Town meeting

Democratic party

See also Tammany Hall; U. S. — Politics Demonetization of silver see Silver (as money) Demonology

See also Amulets; Apparitions; Charms; Devil; Devil worship; Evil eye; Magic; Occult sciences; Superstition; Witchcraft Demonstration work in agriculture see Agriculture — Demonstration work

Demurrage

See also Carriers; Damages

Denatured alcohol see Alcohol, Denatured Dendrology see Trees Denominational schools see Church and education; Church schools Denominations, Religious, see Sects; also names of churches and sects Density see Specific gravity Dentistry

See also Dentists; Mouth; Teeth

Dentists

Denudation see Erosion
Department stored
See also Mail order business

Departmental system of teaching see Teaching — Departmental system Dependencies see Colonies and colonization Dependent children see Children — Charities,

protection, etc. Dependent classes see Charities; Crime and

criminals; Defectives; Poor Deportation see Penal colonies

Deposition (geology) see Sedimentation and deposition Depots see Railroads - Stations

Depravity

See also Sin

Dermatology see Skin Derricks see Cranes, derricks, etc.

Refer from Dramatic expression (s); Elocution; Expression; Gesture; Physical education

Refer from Physical geography; Rivers

Refer from Bible; Bible - Old Testament -Genesis; Earth; Flood (8); Geology

Refer from Aristocracy; Constitutional history; Constitutional law; Despotism; Equality; Federal government; Free institutions; Government; Liberty; Monarchy; People; Popular government (s); Presidential government (s); Representative government and representation; Republics; Self-government (s)

Refer from Political parties; U. S. -Politics

Refer from Angels; Apparitions; Devil; Devil worship; Evil spirits (s); Ghosts; Occult sciences; Spirits (s); Superstition; Witchcraft

Refer from Admiralty; Carriers; Damages; Freight: Transportation

Refer from Medicine; Professions; Surgery; Teeth

Refer from Biography; Dentistry

Refer from Business; Competition; Stores (s)

Refer from Sin; Theology; Total depravity (8)



**Dervishes** 

See also Mohammedanism

Descent see Genealogy; Heredity; Primogeni-

Description (rhetoric) see Descriptive writing Descriptive geometry see Geometry, Descriptive

Descriptive writing

See also Rhetoric

Desecration see Sacrilege

Desert vegetation

See also Dry farming

Deserts

See also Desert vegetation; Mirage; Oases; Reclamation of land

Design, Architectural, see Architectural design Design, Argument for, see Teleology Design, Decorative

See also Architectural design; Art; Arts and crafts; Book covers; Carving (art industries); Decoration and ornament; Drawing; Lettering; Plant forms; Stencil work; Textile design

Design, Machine, see Machine design

es Moines plan of city government see Municipal government — Commission plan Despotism

See also Democracy; Kings and rulers; Liberty; Monarchy; Paternalism; Tyranny

Desserts

See also Cookery; Dinners and dining;

Destiny see Fate and fatalism

Details, Architectural, see Architecture -Details

Detective stories

**Detectives** 

See also Detective stories; Police; Secret service

**Determinants** 

See also Algebra

Determinism see Freedom of the will

Determinism, Economic, see Economic determinism

Detroit plan see Vacant lot cultivation

Development see Embryology; Evolution; Growth

**Devices** 

See also Emblems; Heraldry; Insignia; Mottoes; Symbolism

See also Demonology; Devil worship

Devil worship

See also Demonology; Occult sciences Devonian period see Geology, Stratigraphic Devonian; Paleontology — Devonian Devotion see Devotional exercises; Prayer;

Worship

Devotional exercises

See also Church music; Church services; Consolation; Daily readings; Family worRefer from Mohammedanism; Religions

Refer from Description (rhetoric) (s); Rhetoric

Refer from Botany; Deserts; Dry farming

Refer from Oases; Physical geography

Refer from Art; Art, Decorative (s); Arts and crafts; Book covers; Decoration and ornament; Decorative design (s); Drawing; Floral design (s); Ornamental design (s); Plant forms

Refer from Absolutism (s); Caesarism (s); Democracy; Government; Monarchy; Pa-ternalism; Tyranny

Refer from Cookery; Dinners and dining

Refer from Detectives: Fiction

Refer from Crime and criminals; Police; Secret service

Refer from Algebra

Refer from Coats of arms (s); Decoration and ornament; Emblems; Heraldry; Insignia; Mottoes; Symbolism

Refer from Demonology; Folklore; Satan (8); Superstition; Theology

Refer from Demonology; Devil; Worship

Refer from Christian life and character; Church services; Devotion (s); Family wor-



ship; Hymns; Liturgies; Lord's prayer; Lord's supper; Meditations; Prayers; Responsive worship; Worship

Dew

See also Humidity

Dewey classification see Classification, Decimal Diabetes
Diagnosis

See also Auscultation; Medicine — Practice; Pain; Pathology; Sphygmograph; X rays

Dialect recitations see Recitations and readings, Dialect

Dialectics see Logic

**Dialects** 

See also Slang; also names of languages, subhead Dialects

Dialing see Sundials

Dialogues

See also Recitations and readings

Dials see Sundials Diamagnetism

See also Magnetism

Diamond drilling see Boring; Rock drills

Diamond necklace affair

See also Marie Antoinette

**Diamonds** 

See also Gems; Mineralogy; Precious stones

Dice

**Dictionaries** 

See also Classical dictionaries; Dictionaries, English; Encyclopedias; Technical dictionaries; also subhead Dictionaries under names of languages other than English, and under special subjects

-**English**See also English language — Dialects;
Synonyms and antonyms, English

Didactics see Teaching

Dies

See also Forging; Metal work; Punching machinery; Sheet-metal work Diet

See also Animal food; Beverages; Children
— Care and hygiene; Cookery; Cookery
for the sick; Digestion; Dyspepsia; Food;
Menus; Nutrition; School lunches; Starvation; Stimulants; Vegetarianism

Differential calculus see Calculus

Diffraction

See also Light

Digestion

See also Absorption (physiology); Diet; Digestive system; Dyspepsia; Enzymes; Food; Metabolism; Nutrition; Stomach

Digestive system

See also Anatomy; Digestion; Intestines; Liver; Mouth; Physiology; Stomach; Teeth

Dikes (engineering) see Embankments

ship; Meditations; Prayer; Prayers; Religion; Religious services (s); Worship

Refer from Humidity; Meteorology; Night; Water

Refer from Medicine - Practice

Refer from Auscultation; Medicine; Medicine — Practice; Pathology; Surgery; Symptoms (s)

Refer from Language

Refer from Amateur theatricals; Drama; Literature; Recitations and readings

Refer from Magnetism; Physics

Refer from France — History — Bourbons; Marie Antoinette

Refer from Carbon; Gems; Mineralogy; Precious stones Refer from Gambling; Games

Refer from Encyclopedias; Lexicons (8); Reference books

Refer from Dictionaries; English dictionaries (s); English language; English language — Dictionaries (s)

Refer from Forging; Metal work; Punching machinery; Sheet-metal work

Refer from Cookery; Cookery for the sick; Digestion; Eating; Food; Food for invalids(s); Home economics; Hygiene; Invalids; Nurses and nursing; Nutrition; Therapeutics

Refer from Light

Refer from Absorption (physiology); Diet; Digestive system; Dyspepsia; Food; Indigestion (s); Metabolism; Nutrition; Physiological chemistry; Physiology; Stomach

Refer from Alimentary canal (s); Anatomy; Digestion; Intestines; Liver; Physiology; Stomach

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Dikes (geology)

See also Igneous rocks

Dimension, Fourth, see Fourth dimension Dining see Dinners and dining

Dinners and dining

See also After-dinner speeches; Carving (meat, etc.); Cookery; Desserts; Drinking customs; Eating; Food; Menus; Table; Toasts

Diocesan schools see Church schools Dioptrics see Refraction Diphtheria

See also Antitoxins

Diplomacy

See also Ambassadors; Consuls; Diplomatic and consular service; Diplomatic memoirs; Diplomats; International law; International relations; Precedence; Treaties; also names of countries, subheads Diplomatic and consular service and Foreign relations

Diplomatic and consular service

See also Ambassadors; Consuls; Diplomacy; Diplomatic memoirs; Diplomats; Exterritoriality; International law; International relations; also names of countries, subhead Diplomatic and consular service

Diplomatic memoirs

Diplomatics see Paleography Diplomats

See also Ambassadors: Consuls

Dipsomania see Alcoholism Diptera

See also Flies; Hessian flies; Insects; Mosquitoes; Tsetse flies Direct legislation see Referendum Direct nominations see Nominations; Primaries Direct primaries see Primaries Direct taxation see Income tax; Taxation Direction, Sense of, see Orientation Directories

See also names of places and subjects, subhead Directories Directory, French, see French revolution Dirigible balloons see Airships

Disarmament

See also Arbitration, International; Armies; International relations; Militarism; Navies; Peace; Sea power; War

**Disasters** 

See also Accidents; Collisions at sea; Earthquakes; Fires; Floods; Mine accidents; Railroads — Accidents; Red cross; Shipwrecks; Storms; also special disasters

Discharged prisoners

See also Parole

Refer from Dykes (s); Geology; Igneous rocks

Refer from Banquets (s); Cookery; Desserts; Dining (s); Drinking customs; Eating; Entertaining; Etiquet; Food; Gastronomy (s); Home economics; Meals (s); Menus; Table

Refer from Children — Diseases; Contagion and contagious diseases; Medicine — Practice

Refer from Ambassadors; Consuls; Diplomatic and consular service; Government; History; International law; International relations; Ministers of state; Statesmanship (s); Treaties

Refer from Ambassadors; Consular service (s); Consuls; Diplomacy; Diplomats; Government; International law; International relations; Legations (s)

Refer from Biography; Courts and courtiers; Diplomacy; Diplomatic and consular service; History — Sources; International relations

Refer from Ambassadors; Biography; Diplomacy; Diplomatic and consular service; International relations; Statesmen

Refer from Flies; Insects; Mosquitoes

Refer from Arbitration, International; Armaments (s); Armies; International relations; Militarism; Military art and science; Military power (s); Navies; Peace; Sea power; War

Refer from Accidents; History; Relief work (s)

Refer from Convicts (s); Crime and criminals; Ex-convicts (s); Parole; Prisoners, Discharged (s); Prisons; Social work

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## **Disciples of Christ**

Discipline, Ecclesiastical, see Church discipline

Discipline, Mental, see Mental discipline Discipline, School, see School management

See also Banks and banking; Interest
Discoverers see Discoveries and explorations;
Explorers: Inventors

Discoveries (in geography) see Discoveries and explorations

Discoveries (in science) see Industrial arts; Inventions; Patents; Science

Discoveries and explorations

See also Antarctic regions; Arctic regions; Explorers; Geography — History; Northeast passage; Northwest passage; Scientific expeditions; Voyages and travels; also names of countries, subheads Description and travel and Discovery and exploration

Discussion see Debating

Disease see Pathology
Disease germs see Bacteriology; Germ theory
of disease

Diseases see Medicine — Practice; also names of diseases and of classes of diseases, e.g. Contagion and contagious diseases, Mental diseases; and subhead Diseases under various subjects, e.g. Children — Diseases, Nervous system — Diseases, Occupations — Diseases and hygiene

Diseases of animals see Animals - Diseases;

Veterinary medicine

Diseases of plants see Plants — Diseases

Disestablishment see Church and state; Church of England — Establishment Disfranchisement see Suffrage

Dishonesty see Honesty

Disinfection and disinfectants

See also Antiseptics; Formaldehyde; Fumigation; Putrefaction

**Dislocations** 

See also Bones; Joints; Radiography; Surgery; X rays

Dispensaries

See also Charities, Medical; Hospitals

Dispensary system

See also Gothenburg system

**Dispensatories** 

See also Materia medica; Pharmacopoeias

Disposal of refuse see Refuse and refuse disposal Dissection

See also Anatomy; Anatomy, Comparative; Autopsy; Vivisection

Dissenters

See also Brownists; Church of England; Church rates; Congregationalism; England — Religious history; Friends, Society of; Methodism; Nonjurors; Presbyterianism; Puritans

Refer from Campbellites (s); Christian church (Disciples) (s); Church of Christ (Disciples) (s); Sects

Refer from Banks and banking; Interest

Refer from Adventure; Discoverers (s); Discoveries (in geography) (s); Explorations (s); Explorers; Geography; Geography—History· Heroes; History; Voyages and travels

Refer from Antiseptics; Cleanliness; Contagion and contagious diseases; Formaldehyde; Fumigation; Cermicides (s); Hygiene; Hygiene, Public; Putrefaction; Sanitation
Refer from Bones; Joints; Luxations (s); Surgery

Refer from Charities; Charities, Medical; Hospitals

Refer from Gothenburg system; Liquor laws; Liquor traffic

Refer from Drugs; Materia medica; Medical botany; Pharmacopoeias; Pharmacy

Refer from Anatomy; Surgery; Vivisection

Refer from Brownists; Church history; Church history — Modern; Church of England; Congregationalism; Liberty of conscience; Nonconformists (s); Puritans; Sects

Dissociation

See also Chemistry, Physical; Electro-chemistry; Electrolysis; Electrolytes; Electrons: lons

Distances

Distillation See also Alcohol; Brandy; Chemistry, Technical; Coal-tar products; Essences and essential oils; Liquors; Wood distillation Distribution of animals and plants see Geograph-

ical distribution of animals and plants Distribution of electricity see Electricity -Distribution

Distribution of seed by the government see Seeds - Distribution Distribution of wealth see Economics; Wealth District nurses see Nurses and nursing

District schools see Country schools Dividends see Securities; Stocks

Divination

See also Astrology; Clairvoyance; Crystal gazing; Divining rod; Dreams; Fortune telling; Occult sciences; Omens; Palmistry; Prophecies; Second sight; Superstition Divine healing see Faith cure; Miracles Divine right of kings

See also Monarchy

Diving

See also Diving bells; Pearls; Swimming Diving bells Divining rod

Divinity see Jesus Christ — Divinity; Theology Divinity schools see Theological schools Divorce

See also Marriage

Docks

See also Civil engineering; Harbors; Wharves

Doctors see Physicians and surgeons Doctor's degrees see Degrees, Academic Doctrinal theology see Theology Doctrines see Theology Documents see Archives; Charters; Deeds; Government publications; also under name of body issuing Dog see Dogs Dog stories see Dogs - Stories Doges See also Genoa; Venice

Dogmatic theology see Theology Dogs

See also Carnivora; Domestic animals; Hydrophobia; Veterinary medicine; also names of varieties of dogs -Stories

Dolls

Dolmens see Cromlechs Domain, Eminent, see Eminent domain Domes

See also Architecture; Roofs

Refer from Chemistry; Chemistry, Physical: Electrochemistry; Electrolysis; Ions; Matter

Refer from Geography

Refer from Alcohol; Boiling points; Brandy; Chemistry, Technical; Coal-tar products; Evaporation; Liquors

Refer from Augury (s); Fortune telling; Occult sciences; Omens; Prophecies; Superstition

Refer from Government; Kings and rulers; Monarchy

Refer from Baths and bathing; Swimming Refer from Diving Refer from Divination; Folklore; Water, Underground

Refer from Church law; Domestic relations; Ethics; Family; Law; Marriage; Social problems; Sociology; Women — Law

Refer from Civil engineering; Dry docks (s); Engineering; Harbors; Hydraulic engineering; Wharves

Refer from Genoa; Kings and rulers; Venice

Refer from Carnivora; Dog (s); Domestic animals; Hunting; Hydrophobia; Pets; Veterinary medicine

Refer from Animals - Stories; Dog sto-

ries (s) Refer from Toys

Refer from Architecture; Roofs; Vaulting

for the Mission . Since stock.

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## Domesday book

Domestic animals

See also Animals — Treatment; Barns and stables; Breeding; Cage birds; Cats; Cattle; Cows; Dogs; Domestication; Goats; Horse; Live stock; Pets; Pigeons; Poultry; Sheep; Swine; Veterinary medicine; Zoology

Domestic animals — Diseases, see Veterinary medicine; also names of animals and of diseases

Domestic architecture see Architecture, Do-

# Domestic arts

See also Arts and crafts, and references under that subject; Basketwork; Canning and preserving; Cookery; Dressmaking; Embroidery; Fancy work; Handicraft; Home economics; Lace; Millinery; Needlework; Rues; Weaving

work; Rugs; Weaving
Domestic economy see Home economics
Domestic education see Home economics—
Study and teaching; Home education
Domestic hygiene see Sanitation, Household

**Domestic relations** 

See also Divorce; Family; Guardians; Husbands; Marriage; Master and servant; Parents; Wives Domestic science see Home economics

Domestic science see Home economic Domestic service see Servants

Domestication

See also Animals — Training; Domestic animals; Plants, Cultivated

Domestics see Servants

**Dominicans** 

See also Monasticism

Dominion of the sea see Maritime law; Sea

Dominoes

Donatists

See also Church history — Early church
Doomsday book see Domesday book

See also Architecture; Gates; Grilles; Lattice

Dorr rebellion, 1842

See also Rhode Island — History
Double consciousness see Personality
Double personality see Personality
Double stars see Stars
Doubt see Belief; Faith; Skepticism
Doukhobors see Dukhobors
Douma see Russia — Duma
Doves see Pigeons
Draft, Mechanical, see Mechanical draft
Draft riot, 1863

Drafting, Mechanical, see Mechanical drawing Drafting, Military, see Conscription Refer from Doomsday book (s); England — History — Normans; Land tenure — England; Taxation — England

Refer from Agriculture; Animal industry (s); Animals; Animals — Diseases; Animals, Domestic (s); Animals, Useful and harmful (s); Beasts (s); Breeding; Cats; Dogs; Domestication; Farm animals (s); Horse; Live stock; Pets; Quadrupeds; Veterinary medicine; Zoology; Zoology, Economic

Refer from Arts and crafts; Handicraft; Home economics; Household arts (s); Industrial arts

Refer from Family; Guardians; Husband and wife (s); Husbands; Law; Marriage; Master and servant; Parents; Wives

Refer from Animals — Training; Domestic animals; Zoology

Refer from Friars preachers (s); Monasticism; Preaching friars (s)

Refer from Games

Refer from Church history - Early church

Refer from Architecture; Building; Carpentry

Refer from Rhode Island - History

Refer from Conscription; New York (city) — History; New York (city) — Riots; Riots; U. S.— History — Civil war

Drafting room practice

See also Card system in business; Machine design; Mechanical drawing

## Drago doctrine

Dragons

See also Animal lore; Animals, Mythical

Drainage [for land drainage only]

See also Agricultural physics; Irrigation; Marshes; Reclamation of land; Sewerage

Drama

See also Acting; Actors; Amateur theatri-cals; Charades; Christmas plays; College plays; Comedy; Dialogues; Dramatists; Literature; Monologues; Masques (plays); Miracle, morality and mystery plays; Opera; Pageants; Pantomime; Passion plays; Plots (drama, novel, etc.); Prologues; Puppet plays; Tableaux; Theater; Tragedy; also American drama, English drama, etc.

Dramatic art see Acting

Dramatic education see Acting - Study and teaching

Dramatic expression see Acting; Delsarte system; Elocution; Expression
Dramatic music see Opera; Operettas Dramatic plots see Plots (drama, novel, etc.) **Dramatists** 

See also Authors; Poets

Drapery

See also Tapestry; Upholstery

Draught, Mechanical, see Mechanical draft Draughting, Mechanical, see Mechanical drawing Draughting room practice see Drafting room

practice Draughts see Checkers Dravidian languages

See also Oriental languages; Tamil language and literature

Draw-poker see Poker Drawbacks

Drawbridges See also Bridges

Drawing

See also Anatomy, Artistic; Animal painting and illustration; Architectural drawing; Caricature and cartoons; Chalk talks; Charcoal drawing; Crayon drawing; Decoration and ornament; Design, Decorative; Drawings; Figure drawing; Flower painting and drawing; Geometrical drawing; Graphics; Illustration of books; Map drawing; Mechanical drawing; Painting; Pastel; Pen drawing; Perspective; Posters; Projection; Proportion (art); Shades and shadows; Silhouettes; Topographical drawing

Drawing instruments

See also Mechanical drawing

Refer from Draughting room practice (s); Drawing room practice (s); Machine design; Machine shop practice; Mechanical drawing
Refer from Debts, Public; International law; Monroe doctrine

Refer from Animal lore; Animals, Mythical; Monsters

Refer from Agricultural physics; Agriculture; Civil engineering; Engineering; Hydraulic engineering; Irrigation; Land drainage (s); Marshes; Reclamation of land; Soil moisture; Soils

Refer from Acting; Comedy; Literature; Miracle, morality and mystery plays; Play writing (s); Plays (s); Poetry; Prologues; Rhetoric; Stage (s); Theater; Tragedy

Refer from Authors; Drama; Playwrights (s); Poets Refer from House decoration; Tapestry; Upholstery

Refer from Language; Oriental languages; Tamil language and literature

Refer from Rebates (of duties) (s); Tariff

Refer from Bridges

Refer from Art; Design, Decorative; Free-hand drawing (s); Graphic arts (s); Illustration of books; Manual training; Painting; Perspective; Sculpture; Sketching (s)

Refer from Instruments; Mathematical instruments; Mechanical drawing



Drawing-room plays see Amateur theatricals Drawing room practice see Drafting room practice

**Drawings** 

See also Engravings; Etchings

Drawn work

See also Fancy work

Dreams

See also Apparitions; Fortune telling; Nightmare; Psychology; Sleep; Somnambulism

**Dredging** 

See also Civil engineering; Excavating machinery; Gold dredging; Marine biology; Marine zoology; Ocean

Dress see Clothing; Costume; Dress reform; Dressmaking Dress reform

**Dressmaking** 

See also Garment cutting; Needlework; Tailoring

Drift

See also Boulders; Geology; Glacial period; Glaciers; Moraines

Drill (military)

See also Artillery drill and tactics; Cavalry drill and tactics; Infantry drill and tactics; Military art and science; Tactics Drilling (earth and rock) see Boring Drilling (perforating)

See also Machine shop practice

#### Drills and marches

Drink question see Liquor problem **Drinking customs** 

See also Dinners and dining; Eating; Temperance; Toasts

Drinking songs

See also College songs Drinks see Beverages; Liquors

See also Checkreins; Coaches and coaching; Horse; Horsemanship

Drop forging see Forging Droughts

See also Rain

**Drowning** 

See also Accidents; First aid in illness and injury; Life-saving; Suspended animation; Swimming

Drug habit see Narcotic habit Druggists see Pharmacists

Drugs

See also Adulterations; Dispensatories; Materia medica; Medical botany; Medicines, Refer from Drawing; Pictures

Refer from Fancy work; Needlework

Refer from Brain; Divination; Fortune telling; Mind and body; Night; Nightmare; Psychology; Sleep; Somnambulism; Super-stition; Visions (s)

Refer from Civil engineering; Engineering; Excavating machinery; Harbors; Hydraulic engineering; Marine biology; Marine zoology; Ocean

Refer from Clothing; Costume; Dress (s);

Refer from Clothing; Costume; Cutting (s); Domestic arts; Dress (s); Fashion; Garment cutting; Home economics; Needlework; Tailoring; Women — Occupations

Refer from Boulders; Geology; Glacial drift (s); Glacial period; Glaciers; Moraines

Refer from Military art and science; Tactics

Refer from Boring (metal working, etc.) (s); Machine shop practice; Machine tools

Refer from Amusements; Broom drill (s); Entertainments; Fan drill (s); Gymnastics; Marches (exercise) (s); Tambourine drill (s)

Refer from Beverages; Dinners and dining; Eating; Healths, Drinking of (s); Manners and customs; Temperance

Refer from Songs

Refer from Coaches and coaching; Horse; Horsemanship; Locomotion; Riding (s); Sports.

Refer from Meteorology; Physical geography; Rain; Water supply; Weather

Refer from Accidents; First aid in illness and injury; Life-saving; Suspended animation

Refer from Adulterations; Materia medica; Medicines (s); Pharmacognosy (s); Pharma-

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Proprietary; Pharmacopoeias; Pharmacy; Poisons; also special drugs and groups of drugs, e.g. Anesthetics, Antitoxins, Narcotics, Stimulants **Druids** 

See also Britons; Celts; Mythology, Celtic

Drummers see Commercial travelers Drunkenness see Alcoholism; Inebriate asylums; Liquor problem; Temperance Druses

Dry docks see Docks

Dry farming

See also Desert vegetation; Tillage

Dry goods
See also Clothing: Hosiery; Textile industry and fabrics

Dry rot

See also Wood - Preservation

# **Drying**

Dual personality see Personality Dualism

See also Manicheism; Mind and body; Monism; Neoplatonism; Platonists; Soul; Zoroastrianism

Ducks

See also Game birds; Poultry; Water birds

Dueling

See also Fencing; Honor; Wager of battle

#### **Duets, Instrumental**

Duets, Vocal Dukhobors

See also Russia - Religious history

Duma see Russia - Duma Dumb see Deaf and dumb **Dumb-bells** 

See also Gymnastics Dunes

See also Physical geography

Dungeons see Prisons Dunkards see German Baptist brethren Dunkers see German Baptist brethren Dust

See also Bacteriology; House cleaning

Dutch in the U.S. **Dutch** language

See also Germanic languages

**Dutch literature** 

See also Dutch poetry

**Dutch poetry** 

See also Dutch literature

Dutch reformed church see Reformed church in America

cology (s); Pharmacopoeias; Pharmacy; Poisons; Therapeutics

Refer from Britons; Celts; England - Antiquities; Mythology, Celtic; Religions

## Refer from Religions

Refer from Agriculture; Arid farming (s); Desert vegetation; Farming, Dry (s); Irrigation; Tillage

Refer from Textile industry and fabrics

Refer from Fungi; Plants - Diseases; Timber; Wood - Preservation Refer from Bleaching; Chemical engineering; Cleaning; Dyes and dyeing; Evaporation

Refer from Evil; Mind and body; Philosophy; Zoroastrianism

Refer from Game birds; Poultry; Water birds

Refer from Ethics; Fencing; Fighting (s); Honor; Manners and customs; Wager of battle

Refer from Instrumental music; Music — Scores; Piano music — Scores Refer from Music — Scores; Songs

Refer from Doukhobors (s); Russia -Religious history; Sects

Refer from Gymnastics

Refer from Beaches; Physical geography; Seashore; Sand dunes (s)

Refer from Air pollution; Bacteriology; House cleaning; Hygiene; Occupations — Diseases and hygiene; Roads Refer from U. S .- Foreign population

Refer from Germanic languages; Low German language

Refer from Dutch poetry

Refer from Dutch literature

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Duties see Tariff

See also Conduct of life; Conscience; Ethics

**Dwarfs** 

Dwellings see Architecture, Domestic; Housing problem

Dyaks

See also Borneo; Head-hunters

Dyeing see Dyes and dyeing

Dyes and dyeing

See also Bleaching; Calico printing; Chemistry, Technical; Cleaning; Coal-tar colors; Color; Drying; Indigo; Khaki

Dyestuffs see Dyes and dyeing Dying words see Last words of famous people Dykes see Dikes (geology); Embankments Dynamics

See also Aerodynamics; Dynamometer; Electrodynamics; Force and energy; Hydrodynamics; Kinematics; Matter; Mechanics; Motion; Physics; Rotation; Statics; Thermodynamics

**Dynamite** 

See also Explosives

Dynamo-electric machines see Dynamos; Electric motors

Dynamometer

**Dynamos** 

See also Armatures; Commutators; Electric motors; Switchboards

Dyspepsia

See also Digestion

**Eagles** 

See also Birds

Ear

See also Deaf and dumb; Deafness; Hearing; Sound

Early church see Church history — Early church

Early English language see English language — Middle English

Early English literature see English literature
— History and criticism — Middle English

Earth

See also Antarctic regions; Arctic regions; Astronomy; Climate; Creation; Deluge; Earthquakes; Geochemistry; Geodesy; Geography; Geology; Glacial period; Globes; Latitude and longitude; Magnetism, Terrestrial; Meteorology; Mines and mineral resources; North pole; Nutation; Ocean; Physical geography; Seasons; South pole; Tropics; Volcanoes

Refer from Conduct of life; Ethics

Refer from Man; Monsters; Pigmies (s); Pygmies (s)

Refer from Borneo; Dayaks (s); Head-hunters; Kayans (s)

Refer from Bleaching; Calico printing; Chemistry, Technical; Cleaning; Coal-tar colors; Color; Cotton; Dyeing (s); Dyestuffs (s); Industrial arts; Pigments (s); Scouring (s); Textile industry and fabrics; Wool

Refer from Force and energy; Kinematics; Kinetics (s); Matter; Mechanics; Motion; Physics; Rotation; Statics

Refer from Explosives

Refer from Dynamics; Electric testing; Force and energy; Power; Prony brake (s)

Refer from Armatures; Commutators; Dynamo-electric machines (s); Electric apparatus and appliances; Electric engineering; Electric generators (s); Electric machinery; Electric motors; Electricity; Generators, Electric (s); Machine shop practice; Motors

Refer from Diet; Digestion; Indigestion (s); Medicine — Practice

Refer from Birds

Refer from Anatomy; Deafness; Head; Hearing; Otology (s); Sound

Refer from Astronomy; Creation; Geography; Geology; Nature; Physical geography; Planets; Universe; World (s)



## Earth - Continued

---Age

See also Creation; Geology

---Figure

See also Geodesy

----Rotation

---Temperature

Earth worms see Earthworms Earthenware see Pottery

Earthquakes

See also Geology; Physical geography; Volcanoes

Earths, Rare, see Rare earths Earthwork

See also Civil engineering; Dams; Embankments; Excavation; Fortification; Foundations; Tunnels; Walls

Earthworks (archaeology)

See also Archaeology; Mounds and mound builders

Earthworms

Easements

See also Eminent domain; Real estate

East

See also Asia; Levant

Easter

See also Carols; Jesus Christ — Resurrection and ascension; Lent

**Eastern** churches

See also Coptic church; Greek church; Nestorians

Eastern empire see Byzantine empire Eastern question (Central Asia)

Eastern question (Central Asia)

See also Asia, Central; British in Asia
(Central); Russians in Asia (Central);

Eastern question (Far East)

Tibet; Turkestan

See also Boxers; China; Chinese-Japanese war, 1894–1895; Japan; Korea; Manchuria; Russo-Japanese war, 1904–1905

Eastern question (Near East)

See also Balance of power; Balkan peninsula; Crimean war; Panislamism; Panslavism; Russia—Foreign relations; Russo-Turkish war, 1877-1878; Turkey—Foreign relations

Eating

See also Breakfasts; Cookery; Diet; Dinners and dining; Drinking customs; Food; Luncheons; Menus; Table

## **Eccentricity**

Ecclesiastical antiquities see Christian antiquities

Ecclesiastical architecture see Church architecture

Ecclesiastical art see Christian art and symbolism

Refer from Geology

Refer from Figure of the earth (s); Geodesy Refer from Pendulum; Rotation; Rotation of the earth (s)

Refer from Heat; Temperature

Refer from Disasters; Earth; Geology; Physical geography; Seismology (s); Volcanoes

Refer from Civil engineering; Embankments; Engineering; Excavation; Fortification; Foundations; Railroads; Railroads — Construction

Refer from Archaeology; Excavations (s); Mounds and mound builders Refer from Earth worms (s); Worms

Refer from Deeds; Eminent domain; Land; Law; Real estate; Trespass

Refer from Asia; Far East (s); Levant; Orient (s)

Refer from Christian year; Fasts and feasts; Holy week; Jesus Christ; Jesus Christ— Resurrection and ascension; Lent

Refer from Church history; Coptic church; Greek church; Nestorians

Refer from Asia, Central; British in Asia (Central); British in India; International relations; Russians in Asia (Central); Tibet; Turkestan

Refer from Boxers; China; Chinese question (s); Far-eastern question (s); International relations; Japan; Korea; Manchuria; Yellow peril (s)

Refer from Balance of power; Balkan peninsula; Balkan question (s); Europe — Politics; International relations; Russia — Foreign relations; Turkey — Foreign relations

Refer from Dinners and dining; Drinking customs; Food; Gastronomy (s); Manners and customs; Meals (s); Table

Refer from Conduct of life; Insanity; Psychology



Ecclesiastical biography see Christian biography Ecclesiastical ceremonies see Rites and ceremonies Ecclesiastical costume see Church vestments Ecclesiastical fasts and feasts see Fasts and feasts Ecclesiastical furniture see Church furniture Ecclesiastical history see Church history Ecclesiastical law see Church law Ecclesiastical polity see Church polity Ecclesiastical statistics see Church statistics Ecclesiastical vestments see Church vestments **Echinodermata** 

See also Invertebrates Eclectic medicine see Medicine, Eclectic **Eclipses** 

See also Astronomy; Astronomy, Spherical and practical; Moon; Occultations; Sun; Transits

Eclogues see Pastoral poetry

See also Acclimatization; Acclimatization (plants); Adaptation (biology); Environ-ment; Geographical distribution of animals and plants; Seeds - Dispersal

Economic botany see Botany, Economic Economic conditions see names of countries, subhead Economic conditions

Economic determinism

See also Socialism

Economic entomology see Insects, Injurious and beneficial Economic geography see Commercial geography

Economic geology see Geology, Economic Economic zoology see Zoology, Economic Economics

See also Apprentices; Balance of trade; Banks and banking; Business; Business depression; Capital; Charities; Combina-tion, Industrial; Commerce; Communication; Communism; Competition; Consumption (economics); Cooperation; Corn laws; Cost; Cost of living; Credit; Debts, Public; Economic determinism; Efficiency, Industrial; Exchange; Factory system; Finance; Food supply; Gilds; Government ownership; Government regulation of industry; Home economics; Income; Individualism; Industry; Interest; Investments; Labor v and capital; Labor and laboring classes; Labor unions; Land; Land tenure; Leisure class; Luxury; Manufactures; Money; Monopolies; Panics; Physiocrats; Poor; Population; Precious metals; Prices; Privilend leged classes; Profit; Profit sharing; Proper-ty; Prosperity; Rent; Salaries; Socialism; Speculation; Standard of living; Statistics; Stock exchange; Stocks; Strikes and lock-outs; Sumptuary laws; Supply and de-mand; Tariff; Tariff question; Taxation;

Refer from Invertebrates; Marine zoology

Refer from Astronomy; Astronomy, Spherical and practical; Lunar eclipses (s); Moon; Solar eclipses (s); Sun

Refer from Acclimatization; Acclimatization (plants); Adaptation (biology); Biology; Bionomics (s); Botany — Ecology (s); Environment; Geographical distribution of animals and plants; Natural history; Œcology (s); Zoology

Refer from Determinism, Economic (s); Economics; Historic materialism (s); History - Philosophy; Progress; Socialism

Refer from Banks and banking; Business; Capital; Commerce; Consumption (economics); Distribution of wealth (s); Exchange; Finance; Government; Individualism; Industry; Labor and laboring classes; Political economy (s); Prices; Production (s); Profit; Rent; Science; Social science (s); Socialism; Sociology; Supply and demand; Tariff; Tariff question; Taxation; Wages; Wealth

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Thrift; Transportation; Trusts; Unearned increment; Unemployed; Value; Wages; Wealth; also names of countries, subhead Economic conditions

Economy see Thrift

**Ecstasy** 

Ecumenical councils see Councils and synods also names of special councils

**Eddas** 

See also Icelandic literature; Sagas

#### Eden

See also Bible — Old Testament — Genesis; Fall of man

#### **Editorials**

See also Journalism

#### Education

See also Auxiliary schools; Bible in the schools; Blind — Asylums and education; Books and reading; Business education; Charity schools; Child study; Children; Church and education; Civilization; Classical education; Coeducation; College education, Value of; Colleges and universities; Compulsory education; Correspondence schools and courses; Country schools; Culture; Curriculum; Deaf and dumb — Asylums and education; Education and citizenship; Education and crime; Education and state; Education of women; Educational associations; Educators; Evening and continuation schools; Examinations; Farm schools; Grammar schools; High schools; Home education; Illiteracy; Indians — Edu-Home education; Illiteracy; Indians — Education; Industrial education; Kindergarten; Knowledge; Lectures and lecturing; Libraries; Libraries and schools; Lyceums; Manual training; Mechanics' institutes; Memory; Mental discipline; Military education; Moral education; Nature study; Naval education; Negroes — Education; Normal schools; Object teaching; Openair schools; Overpressure (education); Physical education; Private schools; Professional education; Psychology; Psychology, Educational; Public schools; Public schools and religion; Ragged schools; Reformatories; Religious education; Research; Scholars; Religious education; Research; Scholars; Scholarships; Schools; Self-culture; Self-government (in education); Seminary method; Students; Study; Summer schools; Sunday schools; Teachers; Teaching; Technical education; Textbooks; Theological schools; Trade schools; University extension; Vacation schools; Vocational education; Challenge of the schools; Vocational education; Vacation schools; Vocational educations tion; also headings beginning School, and subhead Study and teaching under special subjects, e.g. Art - Study and teaching -Classical, see Classical education

—Compulsory, see Compulsory education —Elementary

See also Busy work; Children, Abnormal and backward; Country schools;

Refer from Psychology; Religion

Refer from Icelandic literature; Mythology, Norse; Sacred books; Sagas; Scandinavian literature

Refer from Bible — Old Testament — Genesis; Fall of man; Garden of Eden (s); Paradise (s)

Refer from Journalism; Literature; Newspapers; Rhetoric

Refer from Boys; Civilization; Colleges and universities; Culture; Girls; Instruction (s); Knowledge; Learning (s); Mental discipline; Psychology; Public schools; Scholarship (s); Schools; Self-culture; Social problems; Sociology; Students; Study; Teachers; Teaching; Training

to mandal. - Electrical

Refer from Children; Children - Education (s); Education, Primary (s); Education



**Education** — Continued Grammar schools; Home education; Industrial education; Kindergarten; Object teaching; Private schools -Higher, see Classical education; College education, Value of; Colleges and universities; Professional education; Technical education -Industrial, see Industrial education -Medical, see Medicine — Study and teaching Military, see Military education Moral, see Moral education -Musical, see Music — Instruction and study Naval, see Naval education Primary, see Education, Elementary -Professional, see Professional education Religious, see Religious education -Scientific, see Science — Study and teaching -Secondary See also Academies (schools); Evening and continuation schools; High schools; Private schools

Education and church see Church and education

See also Colleges and universities — U. S.; Public schools — U. S.; U. S.—

-Technical, see Technical education

Intellectual life

Education and citizenship

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See also Education and crime; Illiteracy; School city

Education and crime See also Illiteracy

Education and state

See also Public schools; Research; Schol-

Education of children see Education, Elementary; Home education; Kindergarten

Education of women See also Coeducation

### Educational associations

Educational laws see School laws Educational psychology see Psychology, Educational Educational societies see Educational associations Educators

See also Teachers 4 secondarie manager

7 Efficiency, Industrial
See also Ability; Age limit of employment; Executive ability; Scientific management

Eggs See also Birds' eggs; Cold storage; Cookery - Eggs; Embryology; Poultry

of children (s); Elementary education (s); Grammar schools; Primary education (s); Primary schools (s)

Refer from Academies (schools); High schools; Preparatory schools (s); Secondary education (s); Secondary schools (s)

Refer from Colleges and universities— U. S.; Public schools—U. S.; U. S.—Education (s); U. S.—Intellectual life; U. S.— Schools (s)

Refer from Citizenship; Education; Illiteracy

Refer from Crime and criminals; Education: Education and citizenship; Illiteracy

Refer from Education; Government; Public schools; State and education (s)

Refer from Coeducation; Colleges and universities; Education; Girls; Women; Women— Education (s)

Refer from Education; Educational socie-ties (s); Societies; Teachers

Refer from Biography; Education; Teachers

Refer from Ability; Economics; Executive ability; Industrial efficiency (s); Industry; Labor and laboring classes; Scientific manage-

Refer from Animal products; Food; Poultry

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Egoism

See also Altruism; Avarice; Selfishness

Egypt — Antiquities

See also Mummies; Obelisks; Pyramids

---History -----Ancient -----Modern

Egyptian language

See also African languages; Coptic language; Hamitic languages; Hieroglyphics Egyptology see Egypt — Antiquities Eight-hour day see Hours of labor Bighteenth century

See also English literature — History and criticism — Eighteenth century; History, Modern

Elasticity

See also Strains and stresses; Strength of materials

Election (in theology) see Predestination Election laws

See also Nominations; Suffrage

Elections

See also Australian ballot; Ballot; Bribery; Campaign funds; Caucus; Citizenship; Election laws; Gerrymander; Nominations; Political corruption; Primaries; Proportional representation; Recall; Representative government and representation; Suffrage; Voting machines—U. S.

See also Campaign funds; Gerrymander; Nominations; Political conventions; Presidents — U. S. — Election; Primaries; Senators — U. S.— Election

Elective franchise see Suffrage Electric apparatus and appliances

See also Armatures; Coherers; Condensers (electricity); Dynamos; Electric batteries; Electric bells; Electric furnaces; Electric gas lighting; Electric lamps; Electric machinery; Electric meters; Electric motors; Electric toys; Electric transformers; Electricity in mining; Electricity in the home; Electricity on the farm; Electromagnets; Fans, Electric; Fire alarms; Galvanometer; Induction coils; Rheostats; Switchboards

Electric arc

See also Electric lamps

Electric armatures see Armatures
Electric batteries
See also Storage batteries

Electric bells

Refer from Altruism; Avarice; Conduct of life; Ethics; Hedonism; Philosophy; Selfishness

Refer from Egyptology (s); Mummies; Obelisks; Pyramids

Refer from African languages; Hamitic languages; Hieroglyphics

Refer from Europe — History — 1492-1789; History, Modern

Refer from Compressibility; Matter; Mechanics; Physics; Statics; Strains and stresses; Strength of materials

Refer from Elections; Law; Nominations; Registration laws (s); Suffrage

Refer from Ballot; Caucus; Corrupt practices at elections (s); Government; Nominations; Politics; Primaries; Representative government and representation; Suffrage; Voting (s)

Refer from Campaigns, Presidential (s); Presidential campaigns (s); Presidential elections (s); Presidents — U. S.— Election; U. S. — Elections (s); U. S.— Government; U. S. — Politics

Refer from Electric engineering; Electric machinery; Instruments

Refer from Arc, Electric (s); Arc light (s); Electric lighting; Voltaic arc (s)

Refer from Batteries (electric) (s); Cell, Voltaic (s); Electric apparatus and appliances; Electric cells (s); Electrochemistry; Galvanic batteries (s); Primary batteries (s); Storage batteries; Voltaic cell (s)

Refer from Bells; Electric apparatus and appliances; Electricity in the home

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Electric boats see Motor boats

Electric cables

See also Cables, Submarine; Electric wire and wiring; Electricity — Distribution; Insulation

Electric carriages see Automobiles Electric cells see Electric batteries

Electric condensers see Condensers (electric-

Electric conductivity

See also Electric conductors; Electric measurement; Electric resistance

Electric conductors

See also Electric cables; Electric power transmission; Electric wire and wiring; Electricity — Distribution; Lightning conductors

Electric controllers

See also Electric motors; Rheostats

Electric current converters

See also Electric transformers

Electric currents

See also Electric conductivity; Electric conductors; Electric measurement; Electric meters; Electric power transmission; Electric testing; Electric transformers; Electricity — Distribution; Electrodynamics—Alternating

See also Electric power transmission; Electric waves; Electricity — Distribution

Electric discharges through gases

See also Cathode rays; Ionization of gases; Radioactivity; X rays

Electric distribution see Electricity - Distribution

Electric driving

See also Electric motors; Electric power; Electric power transmission; Electricity — Distribution

Electric engineering

See also Armatures; Dynamos; Electric apparatus and appliances; Electric heating; Electric machinery; Electric meters; Electric motors; Electric power transmission; Electric railroads; Electricians; Electricity; Electricity— Distribution; Electricity in mining; Hydroelectric plants; Power plants, Electric; Telautograph; Telegraph; Telephone; Wireless telegraphy

Electric fans see Fans, Electric

Electric furnaces

See also Electric heating; Electrometallurgy

Electric gas lighting

Electric generators see Dynamos Electric heating See also Electric furnaces Refer from Cables; Electric conductors; Electric wire and wiring; Electricity — Distribution; Insulation

Refer from Conductivity, Electric (s); Electric currents; Electric resistance

Refer from Conductors, Electric (s); Electric conductivity; Electric currents; Electric power transmission; Electric wire and wiring; Electricity — Distribution; Wiring, Electric (s)

Refer from Controllers, Electric (s); Electric machinery; Electric motors; Rheostats

Refer from Converters, Electric (s); Electric machinery; Electric transformers

Refer from Currents (s); Electric potential (s); Electric transformers; Electricity — Distribution; Electrodynamics

Refer from Alternating currents (s); Currents, Alternating (s); Electric waves; Induction coils; Polyphase currents (s)

Refer from Cathode rays; Electrons; Gases; Ionization of gases; Ions; X rays

Refer from Electric machinery; Electric motors; Electric power; Electric power transmission; Electricity — Distribution; Machine tools

Refer from Electric machinery; Engineering; Engineering, Electrical (s); Industrial arts; Machinery; Mechanical engineering

Refer from Electric apparatus and appliances; Electric heating; Electric smelting (s); Electrochemistry; Electrometallurgy; Furnaces Refer from Electric apparatus and appliances;

Refer from Electric apparatus and appliances; Electric ignition of gas (s); Electric lighting; Gas lighting

Refer from Electric engineering; Electric furnaces; Electricity in the home; Heating

Electric ignition of gas see Electric gas lighting Electric insulation see Insulation Electric lamps

See also Electric lighting

Electric launches see Motor boats Electric light see Electric lighting Electric light carbons

Electric lighting

See also Electric arc; Electric gas lighting; Electric lamps; Electric light carbons; Electric meters; Electric wire and wiring; Electricity — Distribution; Photometry; Searchlights: Switchboards

Electric locomotives

See also Railroads - Electrification

Electric machinery

See also Commutators; Dynamos; Electric apparatus and appliances; Electric controllers; Electric current converters; Electric driving; Electric engineering; Electric motors; Electric transformers; Electricity in mining; Electricity on the farm

——Alternating current Electric measurement

See also Electric meters; Electric resistance; Electric testing; Galvanometer; Inductance

Electric meters

See also Electric measurement; Electric testing; Wattmeter

Electric mining see Electricity in mining Electric motors

See also Armatures; Commutators; Dynamos; Electric controllers; Electric driving; Electric locomotives; Electric machinery; Electric power; Electric transformers

Electric plants see Power plants, Electric Electric potential see Electric currents; Electromotive force; Electrostatics; Potential, Theory of

Electric power

See also Electric driving; Electric motors; Electric power transmission; Electricity — Distribution; Power plants, Electric

Electric power distribution see Electric power transmission; Electricity — Distribution Electric power plants see Power plants, Electric Electric power transmission

See also Electric conductors; Electric driving; Electric power; Electricity — Distribution; Hydro-electric plants; Power plants, Electric; Power transmission

Refer from Arc lamps (s); Electric apparatus and appliances; Electric arc; Electric lighting; Incandescent lamps (s); Lamps

Refer from Carbon; Carbons (electric light) (s); Electric lighting

Refer from Arc light (s); Electric engineering; Electric lamps; Electric light (s); Incandescent lighting (s); Lighting

Reser from Electric motors; Electric railroads; Locomotives; Railroads — Electrification

Refer from Continuous current machinery (s); Electric apparatus and appliances; Electric engineering; Electric motors; Machinery

Refer from Alternating current machinery (s)

Refer from Electric conductivity; Electric currents; Electric meters; Electric resistance; Electric testing; Galvanometer; Units; Weights and measures

Refer from Electric apparatus and appliances; Electric currents; Electric engineering; Electric lighting; Electric measurement; Electric testing; Meters (s)

Refer from Commutators; Dynamo-electric machines (s); Dynamos; Electric apparatus and appliances; Electric controllers; Electric driving; Electric engineering; Electric machinery; Electric power; Electric railroads; Electromotors (s); Induction motors (s); Motors

Refer from Electric driving; Electric motors; Electric power transmission; Electricity— Distribution; Power; Power plants, Electric

Refer from Electric conductors; Electric currents; Electric currents, Alternating; Electric driving; Electric engineering; Electric power; Electric power distribution (s); Electric transmission of power (s); Electricity — Distribution; Hydro-electric plants; Power plants, Electric; Power transmission; Transmission of power (s)

Electric railroads

See also Electric locomotives; Electric motors; Railroads — Electrification; Railroads — Single rail; Rapid transit; Street railroads; Suspended railways

Electric resistance

See also Electric conductivity; Electric measurement; Electric testing; Insulation; Rheostats

Electric rheostats see Rheostats

Electric smelting see Electric furnaces; Electrometallurgy Electric stations see Power plants, Electric

Electric street railroads see Electric railroads Electric switchboards see Switchboards Electric telegraph see Telegraph Electric testing

See also Dynamometer; Electric measurement; Electric meters; Electric resistance

#### Electric toys

Electric tramways see Electric railroads Electric transformers

See also Electric current converters; Electric currents; Electricity - Distribution: Induction coils

Electric transmission of power see Electric power transmission Electric treatment see Electrotherapeutics

Electric waves See also Coherers; Electric currents, Alternating; Wireless telegraphy

Electric welding see Welding Electric wire and wiring

See also Electric cables; Electric conductors; Electricity — Distribution; Insulation

Electric wiring see Electric wire and wiring Electrical see Electric

Electricians **Electricity** 

See also Armatures; Atmospheric electricity; Dynamos; Electrons; Inductance; Induction coils; Insulation; Ionization of gases; Ions; Lightning; Magnetism; Microphone; Phonograph; Radioactivity; Telegraph; Telephone; Telpherage; Wireless telegraphy; X rays; also headings beginning Electric and Electro

-Animal, see Electrophysiology

-Atmospheric, see Atmospheric electricity

-Distribution

See also Electric cables; Electric conductors; Electric currents; Electric driving; Electric power; Electric power transmis-sion; Electric transformers; Electric wire and wiring; Power plants, Electric; Switchboards

Refer from Electric engineering; Electric street railroads (s); Electric tramways (s); Interurban railroads (s); Railroads; Railroads, Electric (s); Railroads — Electrification; Rapid transit; Street railroads; Transportation; Trolley lines (8)

Refer from Electric conductivity; Electric measurement; Electric testing; Insulation; Resistance, Electric (s); Rheostats

Refer from Electric currents; Electric measurement; Electric meters; Electric resistance; Testing (s)

Refer from Electric apparatus and appliances;

Tovs

Refer from Electric apparatus and appliances; Electric current converters; Electric currents; Electric machinery; Electric motors; Electricity - Distribution; Induction coils; Transformers (s)

Refer from Electric currents, Alternating; Hertzian waves (s); Interference (light); Waves; Wireless telegraphy

Refer from Electric cables; Electric conductors; Electric lighting; Electric wiring (s); Electricity — Distribution; Insulation; Municipal improvement; Telegraph; Telephone; Wire; Wiring, Electric (s)

Refer from Biography; Electric engineering;

Refer from Electric engineering; Electrostatics; Galvanism (s); Lightning; Magnetism; Physics; Voltaic electricity (s)

Refer from Distribution of electricity (s); Electric cables; Electric conductors; Electric currents; Electric currents, Alternating; Electric distribution (s); Electric driving; Electric engineering; Electric lighting; Electric power; Electric power distribution (s); Electric power



## **Electricity** -- Continued

#### ---Experiments

— Medical, see Electrotherapeutics Electricity in agriculture see Electricity on the farm

Electricity in horticulture see Electrohorticul-

Electricity in medicine see Electrotherapeutics Electricity in mining

See also Mining engineering; Mining machinery

#### Electricity in the home

See also Electric bells; Electric heating

Electricity on the farm

See also Electricity in the home; Electrohorticulture; Farm implements and machinery; Farm motors

Electricution see Electrocution

Electrification of railroads see Railroads— Electrification

Electrobiology see Electrophysiology

Electrochemistry

See also Chemistry, Physical; Dissociation; Electric batteries; Electric furnaces; Electrolysis; Electrolytes; Electrometallurgy; Electromotive force; Ions

Electroculture of plants see Electrohorticulture

Electrocution

Electrodeposition of metals see Electrometallurgy; Electroplating

Electrodynamics

See also Electric currents; Inductance Electrogalvanizing see Galvanizing Electrohorticulture

Electrolysis

See also Chemistry, Physical; Corresion and anti-corrosives; Dissociation; Electrochemistry; Electrolytes; Electrometallurgy; Ions

Electrolytes

See also Electrochemistry; Electrolysis;

Electromagnets

See also Armatures; Commutators; Induction coils

Electrometallurgy

See also Cyanide process; Electric furnaces; Electrochemistry; Electrolysis; Electroplating; Electrotyping; Magnetic separation of ores; Metallurgy

#### Electromotive force

Electromotors see Electric motors

transmission; Electric transformers; Electric wire and wiring

Refer from Experiments (s); Physics — Experiments

Refer from Electric apparatus and appliances; Electric engineering; Electric machinery; Electric mining (s); Mining engineering; Mining machinery

Refer from Electric apparatus and appliances; Electricity on the farm; Home economics

Refer from Agriculture; Electric apparatus and appliances; Electric machinery; Electricity in agriculture (s); Farm implements and machinery; Farm motors

Refer from Chemistry; Chemistry, Physical; Chemistry, Technical; Dissociation; Electrolysis; Electrolytes; Electrometallurgy; Ions

Refer from Capital punishment; Electricution (s)

Refer from Dynamics; Electric currents

Refer from Electricity in horticulture (s); Electricity on the farm; Electroculture of plants (s); Floriculture; Gardening

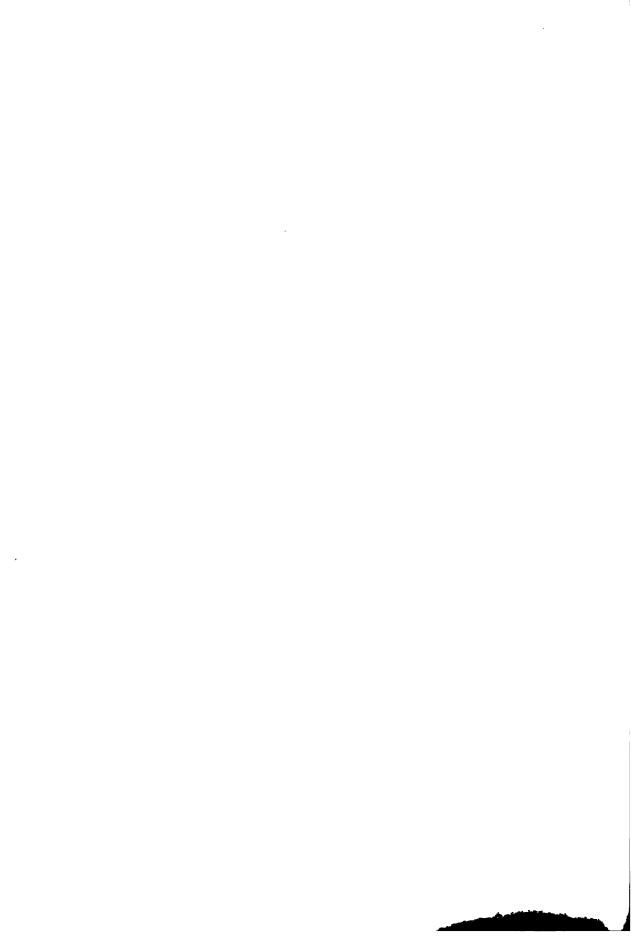
Refer from Chemistry — Analysis; Chemistry; Physical; Dissociation; Electrochemistry; Electrolytes; Electrometallurgy; Ions; Solution (chemistry)

Refer from Dissociation; Electrochemistry; Electrolysis; Ions

Refer from Armatures; Electric apparatus and appliances; Hoisting machinery; Induction coils; Magnetism

Refer from Electric furnaces; Electric smelting (s); Electrochemistry; Electrodeposition of metals (s); Electrolysis; Electroplating; Electrotyping; Galvanoplasty (s); Metallurgy; Ore treatment; Smelting

Refer from Electric potential (s); Electrochemistry; Force and energy



Electrons

See also Cathode rays; Electric discharges through gases; Ions; Radioactivity

Electrophysiology

See also Muscles; Nerves; Nervous system

Electroplating

See also Electrometallurgy; Galvanizing

**Electrostatics** 

See also Condensers (electricity); Electricity; Potential, Theory of

Electrotherapeutics

See also Radiotherapy

Electrotyping

See also Electrometallurgy; Stereotyping

Elegiac poetry

Elementary education see Education, Elementary; Kindergarten

Elements, Chemical, see Chemical elements **Elements**, Worship of

See also Fire worship; Nature worship

Elephants

See also Ivory; Mammals; Mammoths

Eleusinian mysteries

See also Mythology, Classical

**Elevated** railroads

See also Rapid transit

Elevations see Altitudes

**Elevators**See also Hoisting machinery

Elevators, Grain, see Grain elevators

Elixir of life

See also Alchemy; Philosopher's stone

Elizabethan age see England — History — Elizabethan period; English literature — History and criticism — Elizabethan period; Shakespeare, William — Contemporary England

Elizabethan literature see English literature — History and criticism — Elizabethan period

Ellipse

See also Conic sections
Elliptic functions see Functions

Elocution

See also Acting; Debating; Delsarte system; Eloquence; Expression; Gesture; Oratory; Preaching; Pronunciation; Reading; Recitations and readings; Rhetoric; Singing and voice culture; Ventriloquism; Voice

Eloquence

See also Elocution; Oratory

Elves see Fairies

Refer from Atoms; Cathode rays; Dissociation; Electricity; Ions; Magneto-optics; Matter; Radioactivity

Refer from Animal electricity (s); Biology; Electricity, Animal (s); Electrobiology (s); Nervous system; Physiology; Zoology

Refer from Electrodeposition of metals (s); Electrometallurgy; Galvanizing; Galvanoplasty (s); Gilding; Plating; Silver-plating (s); Silverplating (s)

Refer from Condensers (electricity); Electric potential (s); Physics; Static electricity (s); Statics

Refer from Electric treatment (s); Electricity, Medical (s); Electricity in medicine (s); Medical electricity (s); Therapeutics

Refer from Electrometallurgy; Galvanoplasty (s); Printing; Stereotyping Refer from Poetry

Refer from Nature worship; Worship

Refer from Hunting; Mammals

Refer from Mysteries (religious); Mythology, Classical

Refer from Railroads; Railroads, Elevated (8); Rapid transit; Street railroads

Refer from High buildings; Hoisting machinery; Lifts (s)

Refer from Alchemy; Medicine, Medieval; Philosopher's stone

Refer from Conic sections

Refer from Debating; Declamation (s); Dramatic expression (s); Eloquence; Expression; Gesture; Language; Oratory; Preaching; Reading; Rhetoric; Speaking (s); Speech; Voice

Refer from Elocution; Oratory; Rhetoric

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Emancipation see Catholic emancipation; Slavery; Women — Social condition

Embalming
See also Mummies

**Embankments** 

See also Civil engineering; Earthwork; Sea walls

Embargo laws

See also U. S. - History - 1783-1812

**Embezzlement** 

See also Forgery

**Emblems** 

See also Christian art and symbolism; Devices; Insignia; Mottoes; Symbolism Embossing

Embroidery Embroidery

See also Fancy work; Needlework

**Embryology** 

See also Biology; Botany — Embryology; Cells; Parthenogenesis; Protoplasm; Reproduction

Emergencies see Accidents; First aid in illness and injury

Emigration see Immigration and emigration Eminent domain

See also Cemeteries; Constitutional law; Damages; Easements; Municipal corporations; Police power; Public service corporations; Roads

#### **Emmanuel** movement

See also Medicine and religion

**Emotions** 

See also Anger; Enthusiasm; Envy; Ethics; Expression; Fear; Hate; Jealousy; Joy; Laughter; Love; Melancholy; Pain; Pleasure; Psychology; Sympathy Emperors

See also Kings and rulers; Roman emperors

**Empiricism** 

See also Pragmatism
Employees' welfare see Industrial betterment
Employers' associations

See also Blacklisting; Combination, Industrial; Trade agreements

Employers' liability

See also Accidents; Damages; Factory inspection; Factory laws; Insurance, Accident; Labor laws; Master and servant;

Refer from Burial; Death; Mortuary customs (s); Mummies

Refer from Canals; Civil engineering; Dams; Dikes (engineering) (s); Dykes (s); Earthwork; Engineering; Hydraulic engineering; Levees (s); Rivers; Sea walls

Refer from Commerce; International law; U. S.— Commerce; U. S.— History — 1783-1812

Refer from Crime and criminals; Defalcation (s); Forgery; Larceny; Stealing (s); Theft (s); Thieves

Refer from Christian art and symbolism; Devices; Heraldry; Literature; Symbolism Refer from Printing

Refer from Arts and crafts; Decoration and ornament; Domestic arts; Fancy work; Needlework; Stitches (s); Textile industry and fabrics

Refer from Biology; Cells; Development (s); Eggs; Evolution; Morphology; Physiology; Protoplasm; Reproduction; Zoology

Refer from Appraising; Arbitration and award; Cemeteries; Condemnation of land (s); Constitutional law; Damages; Domain, Eminent (s); Easements; Expropriation (s); Land; Land tenure; Law; Police power; Property; Public service corporations; Railroads; Real estate; Roads

Refer from Church and healing (s); Faith cure; Medicine and religion; Mental healing; Mind and body; Suggestive therapeutics; Therapeutics

Refer from Anger; Enthusiasm; Envy; Ethics; Fear; Feelings (s); Hate; Jealousy; Joy; Passions (s); Pleasure; Psychology; Sympathy

Refer from Biography; Kings and rulers; Monarchy; Rulers (s); Sovereigns (s)

Refer from Philosophy

Refer from Blacklisting; Combination, Industrial; Gilds; Labor and capital; Labor unions

Refer from Accidents; Agency; Compensation (s); Damages; Factory inspection; Factory laws; Insurance, Accident; Insurance,

Negligence; Occupations, Dangerous; Safety devices

Employers' welfare institutions see Industrial betterment

**Employment agencies** 

See also Labor exchanges

Empresses see Queens and empresses Enamel

See also Arts and crafts; Cloisonné

Encyclopaedias see Encyclopedias Encyclopaedists see Encyclopedists

Encyclopedias See also Dictionaries. For encyclopedias of a special subject see the subject, e.g. Botany — Dictionaries

Encyclopedists

Endless punishment see Future punishment Energy see Force and energy

Engineering See also Aeronautics; Aqueducts; Arches; Architecture; Blasting; Boring; Breakwaters; Bridges; Building; Building materials; Canals; Chemical engineering; Civil engineering; Curves in engineering; Docks; Drainage; Dredging; Earthwork; Electric engineering; Engineers; Engines; Foundations; Harbors; Hydraulic engineering; Industrial arts; Irrigation; Machinery; Marine engineering; Masonry; Mechanical drawing; Mechanical engineering; Mechanics; Mensuration; Military engineering; Mining engineering; Municipal engineering; Railroad engineering; Railroads — Construction; Reclamation of land; Rivers; Roads; Sanitary engineering; Sea walls; Statics; Steam engines; Strength of materials; Subways; Surveying; Tunnels; Walls; Water supply

—Chemical, see Chemical engineering

—Civil, see Civil engineering

-Electrical, see Electric engineering -Hydraulic, see Hydraulic engineering

-Marine, see Marine engineering -Mechanical, see Mechanical engineering;

Mechanics, Applied -Military; see Military engineering -Mining, see Mining engineering

-Municipal, see Municipal engineering -Sanitary, see Sanitary engineering

Engineering materials see Building materials Engineers

Engines See also Air\_engines; Blowing engines; Farm motors; Fire engines; Fuel; Gas and oil engines; Heat engines; Locomotives; Marine engines; Mechanical engineering; Motors; Pumps; Steam engines; Traction engines; Turbines
England, Church of, see Church of England Industrial; Labor and capital; Labor and laboring classes; Labor laws; Liability, Em-ployers' (s); Master and servant; Negligence; Occupations, Dangerous; Safety devices; Workmen's compensation (s)

Refer from Agency; Intelligence offices (s); Labor and laboring classes; Labor exchanges; Servants; Unemployed; Wages

Refer from Arts and crafts; Cloisonné; Decoration and ornament

Refer from Cyclopedias (s); Dictionaries; Encyclopaedias (s); Reference books

Refer from Encyclopaedists (s); French literature; Materialism; Philosophy, French

Refer from Building; Civil engineering; Construction (s); Hydraulic engineering; In dustrial arts; Machinery; Mathematics; Me-chanical engineering; Mechanics; Military engineering; Surveying; Technology

Refer from Biography; Engineering

Refer from Engineering; Machine shop practice; Machinery; Mechanical engineering; Motors; Power

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# **England** — History

-To 1066

See also Anglo-Saxons; Britons

Normans, 1066-1154

See also Domesday book; Hastings, Battle of; Normans

Plantagenets, 1154-1399
See also Barons' war; Black death;
England — History — Lancaster and York; Hundred years' war; Magna charta

Lancaster and York, 1399-1485

See also Agincourt, Battle of; Hundred years' war; Wars of the Roses

-Tudors, 1485–1603

See also England - History - Elizabethan period

Elizabethan period, 1558-1603

See also Armada, 1588; England—
History — Tudors; Shakespeare, William - Contemporary England

See also England — History — Civil war and commonwealth; Gunpowder plot; Jacobites; King William's war; Nonjurors; Popish plot; Queen Anne's war; Regicides; Rye House plot; Spanish succession, War of

Civil war and commonwealth, 1642-1660

See also England — History — Stuarts; Regicides

1714-1837

See also French and Indian war; Jacobites; Napoleonic wars; Peninsular war, 1807-1814; Seven years' war; U. S.— History — Revolution Victorian period, 1837-1901

S.e also Chartism; Crimean war;

South African war, 1899-1902 1901-

See also South African war, 1899-1902 English ballads see Ballads, English

English composition see Composition(English); Rhetoric

English dialects see English language - Dialects

English dictionaries see Dictionaries, English English drama

See also American drama; Dramatists, English; English literature; Miracle, morality and mystery plays; Theater - England

English essays

See also American essays; English literature

**English** fiction

See also American fiction; English litera-English grammar see Grammar, English English humor see Humor, English

English idioms see Idioms, English English in India see British in India Refer from Great Britain - History (s)

Refer from Anglo-Saxons: Britons

Refer from Hastings, Battle of; Norman conquest (s); Normans

Refer from Barons' war; Hundred years' war

Refer from Agincourt, Battle of; England -History - Plantagenets; Hundred years' war; Wars of the Roses

Refer from England - History - Elizabethan period

from Armada, 1588; Elizabethan Refer age (s); England — History — Tudors

Refer from England - History - Civil war and commonwealth; Gunpowder plot; Popish plot; Regicides; Rye House plot

Refer from Civil war (s); Commonwealth of England (s); England — History — Stuarts; Regicides

Refer from Jacobites

Refer from American drama; Drama; Dramatists, English; English literature; English poetry; Theater — England

Refer from American essays; English literature; Essays

Refer from American fiction; English literature; Fiction



English language See also Americanisms; Anglo-Saxon language; Briticisms; Composition (English); Dictionaries, English; Germanic languages; Grammar, English; Idioms, English; Pro-- Language (s) nunciation, English; Prosody, English; Pronunciation, English; Prosody, English; Slang; Spelling, English; Synonyms and antonyms, English -Alphabet, see Alphabet -Compositon, see Composition (English) -Conversation and phrase books, see Eng-lish language — For foreigners -Dialects See also Americanisms; Briticisms; Negro dialect -Dictionaries, see Dictionaries, English -Etymology See also English language - History For foreigners -Grammar, see Grammar, English -History See also English language — Etymology; English language — Middle English -Idioms, see Idioms, English -Middle English Old English language (s) -Old English, see Anglo-Saxon language; English language — Middle English
-Orthography, see Spelling, English
-Pronunciation, see Pronunciation, English -Prosody, see Prosody, English Readers, see Readers Rhymes, see Rhyme Spelling, see Spelling, English -Study and teaching

See also English language — For for--Synonyms and antonyms, see Synonyms and antonyms, English -Syntax, see Grammar, English English letters see Letters, English English literature See also American literature; Anglo-Saxon literature; Authors, English; Ballads, English; Canadian literature; English drama; English essays; English fiction; English poetry; Humor, English; Irish literature (English); Letters, English; Newspapers — England; Orations, English; Parodies; Periodicals — England; Satire, English; Scottish literature: Sonnets, English lish; Scottish literature tish literature; Sonnets, English -Collections See also English poetry - Collections; Recitations and readings Recitations and readings History and criticism -Middle English

Refer from Anglo-Saxon language; England - Language (s); Germanic languages; U. S.

Refer from Dialects; Dictionaries, English; England — Dialects (s); English dialects (s); U. S.— Dialects (s)

Refer from English language - History Refer from English language — Conversa-tion and phrase books (s); English language — Study and teaching; Foreigners (s)

Refer from English language - Etymology

Refer from Early English language (s); English language — History; English language — Old English (s); Middle English language (s);

Refer from American literature; Anglo-Saxon literature; Authors, English; British literature (s); England — Literature (s); English drama; English essays; English fiction; English poetry; Humor, English; Irish English poetry; Humor, English; Irish literature (English); Literature; Satire, Eng-

Refer from English poetry — Collections;

Refer from Early English literature (a); Middle ages — Literature; Middle English literature (s); Old English literature (s) Refer from Elizabethan age (a); Elizabethan

literature (s)

Refer from Seventeenth century

–Elizabethan period

-17th century



# English literature - History and criticism -

Continued -18th century -19th century

-20th century Study and teaching English metrical romances

English newspapers see Newspapers - England English orations see Orations, English English periodicals see Periodicals — England English philosophy see Philosophy, English English poetry

See also American poetry; Anglo-Saxon poetry; Ballads, English; Canadian poetry; English drama; English literature; English metrical romances; Irish poetry; Lake poets; Poets, English; Prosody, English; Scottish poetry; Songs, English; Sonnets, English Collections

English satire see Satire, English English songs see Ballads, English; Songs, English English sonnets see Sonnets, English English spelling see Spelling, English English synonyms see Synonyms and anto-nyms, English English syntax see Grammar, English English wit and humor see Humor, English Engravers

See also Artists

Engraving

See also Bank notes; Color printing; Engravings; Etching; Gems; Glyptics; Illustration of books; Lithography; Photoengraving; Photogravure; Stipple engraving; Wood engraving

Engravings

See also Color prints; Etchings; Pictures

Enigmas see Riddles Enlightenment

Enlistment see Recruiting and enlistment Ennui Ensigns see Flags Ensilage See also Feeding and feeding stuffs

Entail

See also Primogeniture

Enteric fever see Typhoid fever

Entertaining See also Amusements; Balls (parties); Cards; Children's parties; Dinners and dining; Entertainments; Etiquet; Guests; Luncheons; Menus

Entertainments

See also Amateur theatricals; Amusements; Christmas entertainments; Church entertainments; Concerts; Drills and marches; Entertaining; Fairs; Festivals; Holidays; Jarley waxworks; Lectures and lecturing;

Refer from Eighteenth century Refer from Nineteenth century; Victorian literature (s) Refer from Twentieth century

Refer from English poetry; Romances

Refer from American poetry; Anglo-Saxon poetry; Ballads, English; British poetry (s); English literature; Lake poets; Poetry; Poets, English; Scottish poetry; Sonnets, English

Refer from English literature - Collections: Recitations and readings

Refer from Artists; Biography

Refer from Art; Chalcography (s); Etching; Graphic arts (s); Illustration of books; Industrial arts; Lithography; Mezzotint (s); Steel engraving (s); Stipple engraving

Refer from Drawings; Engraving; Etchings; Pictures; Prints (s)

Refer from Philosophy; Philosophy, Modern; Rationalism

Refer from Mind and body

Refer from Agriculture; Feeding and feeding stuffs; Forage plants; Silage (s); Silos (s)

Refer from Inheritance; Primogeniture; Property; Real estate

Refer from Entertainments; Etiquet; Guests; Home economics; Hospitality; Parties (s); Society

Refer from Amusements; Church entertainments; Entertaining; Sociables (s); Socials (s)

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Moving pictures; Pageants; Panoramas; Pantomime; Recitations and readings; School entertainments; Sunday school entertainments; Tableaux; Theater

Enthusiasm

See also Emotions

Entomologists

See also Naturalists

Entomology see Insects
Entomology, Economic, see Insects, Injurious
and beneficial
Entozoa see Parasites
Entrance examinations see College entrance
requirements

Environment

See also Acclimatization; Adaptation (biology); Anthropogeography; Ecology; Evolution; Heredity

**Envy** 

See also Emotions

Enzymes

See also Fermentation; Malt

Eocene period see Geology, Stratigraphic — Eocene; Paleontology — Eocene Eolithic period see Stone age Ephemerides see Nautical almanacs Epic poetry See also Romances

Epicureans

See also Philosophy, Greek

**Epidemics** 

See also Contagion and contagious diseases; Quarantine; also names of contagious diseases, e.g. Black death; Cholera, Asiatic; Plague; Smallpox; Yellow fever; also names of countries and cities, subhead Epidemics Epigrams

See also Maxims; Proverbs; Quotations; Table-talk; Toasts

Epigraphy see Inscriptions Epilepsy

**Episcopacy** 

See also Apostolic succession; Archbishops; Bishops; Catholic church; Church history; Church of England; Methodism; Ordination; Protestant Episcopal church in the U.S.

Episcopal church see Church of England; Methodist Episcopal church; Protestant Episcopal church in the U.S.

Epistemology see Knowledge; Metaphysics Epitaphs

See also Brasses; Inscriptions; Obituaries;
Tombstones

Epithets

See also Names; Nicknames Epizoa see Parasites Refer from Emotions; Fanaticism

Refer from Insects; Naturalists; Scientists; Zoologists

Refer from Acclimatization; Adaptation (biology); Anthropogeography; Anthropology; Ecology; Evolution; Man

Refer from Emotions; Ethics

Refer from Biology; Brewing; Digestion; Fermentation; Ferments (s); Physiological chemistry; Soluble ferments (s)

Refer from Poetry

Refer from Ethics; Hedonism; Materialism; Philosophy; Philosophy, Greek

Refer from Contagion and contagious diseases; Hygiene, Public; Medicine — History; Pestilences (s); Plague

Refer from Aphorisms (s); Apothegms (s); Humor; Literature; Maxims; Proverbs; Quotations; Sayings (s)

Refer from Consanguinity; Idiocy; Medicine
— Practice; Nervous system — Diseases

Refer from Apostolic succession; Bishops; Catholic church; Catholic church—Clergy; Church of England; Church of England—Clergy; Church polity; Methodism; Protestant Episcopal church in the U. S.

Refer from Archaeology; Biography; Burial; Cemeteries; Inscriptions; Literature; Obituaries; Tombs; Tombstones

Refer from Language; Names; Nicknames

- c'imo see suntos secrovo.

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Equality

See also Aristocracy; Class distinction; Democracy; Individualism; Liberty; Socialism

Equations

See also Algebra: Groups, Theory of Equestrianism see Horsemanship Equilibrium see Statics

Equinoxes

See also Astronomy

**Equity** 

See also Actions at law; Chancery; Justice; Pleading and practice

Equivocation

See also Lying

Erosion

See also Coast changes; Geology; Glaciers; Physical geography; Sedimentation and deposition; Valleys

Erratics see Boulders

Errors, Popular

See also Blunders; Medical delusions; Superstition

Errors, Theory of

See also Least squares; Probabilities

Errors and blunders, Literary

See also Blunders; Literary forgeries and mystifications

Erse see Gaelic language; Irish language Eruptive rocks see Igneous rocks Erysipelas

Escapes

See also Adventure

**Eschatology** 

See also Death; Future life; Future punishment; Heaven; Hell; Judgment day; Millennium; Purgatory; Resurrection; Second advent

Escuage see Scutage Eskimo language

**Eskimos** 

See also Alaska; Arctic regions; Ethnology — Alaska

Esoteric Buddhism see Theosophy

Esperanto

Esquimaux see Eskimos

**Essayists** 

See also Authors

**Essays** 

See also American essays; English essays; French essays; also subhead Essays, addresses, etc., under various subjects

Essences and essential oils

See also Chemistry, Technical; Flavoring extracts; Perfumery

Refer from Class distinction: Democracy: Government; Liberty; Socialism; Sociology

Refer from Algebra; Calculus; Mathematics

Refer from Astronomy; Precession of the equinoxes (s)

Refer from Actions at law; Chancery; Jurisdiction; Justice; Law; Pleading and practice

Refer from Ethics; Falsehood (s); Lying; Prevarication (s)

Refer from Abrasion (geology) (s); Coast changes; Denudation (s); Geology; Glaciers; Physical geography; Rivers; Sedimentation and deposition; Valleys; Water

Refer from Blunders; Delusions (s); Mistakes (s); Popular errors (s)

Refer from Mathematics; Probabilities; Theory of errors (s)

Refer from Bibliography; Blunders; Cataloging; Literary blunders (s); Literary forgeries and mystifications; Literature; Mistakes (s)

Refer from Medicine - Practice

Refer from Adventure; Prison escapes (s)

Refer from Death; Future life; Judgment day; Resurrection; Second advent; Theology

Refer from Indians - Languages

Refer from Alaska; Arctic regions; Esquimaux (s); Ethnology - Alaska; Indians; Innuit (s)

Refer from Language, Artificial

Refer from Authors

Refer from Literature

Refer from Agricultural products; Aromatic plant products (s); Chemistry, Organic; Chemistry, Technical; Distillation; Essential oils (s); Flavoring extracts; Oil (s); Oils, Essential (s); Oils and fats; Spices; Vegetable oils (s); Volatile oils (s)

Refer from Jews; Jews - Religion

Essenes

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# Essential oils see Essences and essential oils Estates, Unclaimed

#### **Esthetics**

See also Art; Art — Appreciation; Art — Criticism; Classicism; Color; Criticism; Grotesque; Idealism in art; Idealism in literature; Impressionism (art); Landscape; Music — Philosophy and esthetics; Naturalism in art; Naturalism in literature; Painting; Picturesque; Poetry; Proportion (art); Realism in art; Realism in literature; Rhythm; Romanticism; Sculpture; Sublime; Symmetry

Estimates see subhead Estimates under technical subjects, e.g. Building — Estimates

Etching

See also Engraving; Etchings; Pyrography; Stipple engraving; Zincography Etchings

See also Engravings; Pictures

Eternal life see Future life
Eternity
See also Future life
Ether (anesthetic)
See also Anesthetics
Ether (of space)
See also Air

Ethical education see Moral education Ethics

Sce also Affliction; Altruism; Amusements; Anger; Animals — Treatment; Art and morals; Asceticism; Avarice; Business ethics; Capital punishment; Character; Charity; Chastity; Cheerfulness; Christian ethics; Christian life and character; Civilization; Commandments; Compromise; Conduct of life; Conscience; Contentment; Courage; Courtesy; Crime and criminals; Cruelty; Dancing; Divorce; Dueling; Duty; Egoism; Emotions; Envy; Epicureans; Equivocation; Etiquet; Evil; Family; Fiction; Freedom of the will; Friendship; Gambling; Gentlemen; Gifts; Goodness; Habit; Happiness; Hedonism; Home; Honesty; Honor; Ideals; Interest; Justice; Kindness; Law; Legal ethics; Liberty; Liberty of conscience; Life; Literature, Immoral; Lotteries; Love; Loyalty; Lying; Manners and customs; Marriage; Medical ethics; Mercy; Moral education; Natural law; New thought; Oaths; Obedience; Patience; Patriotism; Peace; Philanthropy; Philosophy; Pleasure; Political ethics; Popularity; Pragmatism; Pride and vanity; Progress; Religion; Religion and ethics; Resignation; Secularism; Self-denial; Self-respect; Selfishness; Sexual ethics; Social problems; Sociology; Soul; Spiritual life; Standard of living; State ethics; Stoics; Success; Suicide; Sunday; Swearing; Sympathy; Temperance; Temptation; Theater; Truth; Utilitarianism; Vice; Virtue; Vivi-

Refer from Genealogy; Inheritance; Property; Real estate; Unclaimed estates (s)

Refer from Aesthetics (s); Art; Art — Appreciation; Art — Criticism; Beautiful, The (s); Beauty (s); Criticism; Literature; Painting; Philosophy; Picturesque; Psychology; Rhetoric; Sculpture; Sublime; Symmetry; Taste (esthetics) (s)

Refer from Art; Engraving; Zincography

Refer from Drawings; Engravings; Etching; Pictures

Refer from Future life; Philosophy; Time

Refer from Aether (s); Anesthetics

Refer from Light; Luminiferous ether (s); Matter; Physics; Space; Waves

Refer from Altruism; Character; Christian ethics; Civilization; Conduct of life; Duty; Emotions; Ethology (s); Family; Hedonism; Immorality (s); Life; Man; Moral philosophy (s); Morality (s); Morals (s); Natural religion; Philosophy; Philosophy, Moral (s); Psychology; Religion; Right and wrong (s); Sociology; Theology; Vice; Virtue; Will

Ethics — Continued

section; War; Wealth; Will; Women; also names of countries and cities, subhead Moral conditions

-Christian, see Christian ethics -Commercial, see Business ethics

-History -Japanese

-Jewish

-Legal, see Legal ethics -Medical, see Medical ethics

National, see State ethics Political, see Political ethics

Practical, see Conduct of life

-Sexual, see Sexual ethics Social, see Social ethics

State, see State ethics Ethics and religion see Religion and ethics Ethnic psychology see Ethnopsychology Ethnography see Ethnology

Ethnology

See also Anthropogeography; Anthropology; Anthropometry; Archaeology; Art, Primitive; Bible—Ethnology; Cannibal-ism; Cave dwellers; Civilization; Cliff dwellers and cliff dwellings; Climate; Color of man; Consanguinity; Costume; Ethno-psychology; Evolution; Folklore; Head-hunters; Industries, Primitive; Lake dwellers and lake dwellings; Language; Man; Manners and customs; Migration of nations; Mounds and mound builders; Mythology; National characteristics; Nations; Race problems; Savages; Skull; Society, Primitive; Tattooing; Totems and totemism; also names of countries, subhead Social life and customs, and names of races, tribes and peoples, e.g. Aryans, Gipsies, Hamites, Indians, Malays, Negroes, Semitic race, Yellow races

-U. S. See also Anglo-Saxons; Indians; Race problems — U. S.

Ethnopsychology

See also National characteristics; Social psychology

Ethology see Ethics Etiquet

See also Conversation; Courtesy; Courts and courtiers; Dancing; Dinners and dining; Entertaining; Gentlemen; Guests; Letter writing; Manners and customs; Precedence; Salutations; Society; Weddings; also names of countries, subhead Social life and customs

Etymology See also Names; Words; also names of languages, subhead Etymology Eucharist see Lord's supper; Mass

Euchre

See also Cards

Refer from Japan - Social life and customs: Japanese ethics (s) Refer from Jewish ethics (s); Jews - Ethics (s); Jews - Social life and customs

Refer from Aborigines (s); Anthropology; Archaeology; Civilization; Ethnography (s); Geography; History; Man; Manners and customs; Migration of nations; Native races (s); Race characteristics (s); Races of man (s); Science

Refer from U. S .- Ethnology (8)

Refer from Anthropology; Ethnic psychology (s); Ethnology; Folk psychology (s); National characteristics; Psychology; Psychology, Comparative; Psychology, Ethnic (s); Psychology, Racial (s); Race psychology (s); Social pyschology; Sociology

Refer from Behavior (s); Ceremonies (s); Conduct of life; Courtesy; Entertaining; Ethics; Gentlemen; Ladies (s); Letter writing; Manners (s); Manners and customs; Politeness (s); Self-culture; Society; Usages (s); Weddings; Women

Refer from Grammar; Language; Words

Refer from Cards

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Eudiometer Eugenics

See also Consanguinity; Degeneration; Heredity; Marriage; Prenatal influences

Europe - History

-To 476

See also Migration of nations —476–1492, see Middle ages — History

—1492-1<del>7</del>89

See also Austrian succession, War of; Fighteenth century; History, Modern; Seven years' war; Seventeenth century; Sixteenth century; Spanish succession, War of; Thirty years' war -1789-

See

See also Crimean war; History, Modern; Holy alliance; Napoleonic wars; Nineteenth century; Peninsular war. 1807-1814; Triple alliance

European literature

See also Literature; also names of literatures

Evaluation of literature see Book reviews; Books and reading; Books and reading— Best books; Criticism; Literature—History and criticism

Evangelical alliance

Evangelical Lutheran church see Lutheran church

Evangelistic work

See also Conversion; Missions; Revivals; Salvation army

Evangelists see Apostles; Bible — New Testament; Missionaries

Evaporation

See also Distillation; Drying

Evaporation of fruit see Fruit — Evaporation Evening and continuation schools

Evening schools see Evening and continuation schools

Evergreens

See also Forests and forestry; Hedges; Trees

**Eviction** 

Evidence

See also Affidavits; Certainty; Expert evidence; Identification; Logic; Witnesses

Evidences of Christianity see Christianity — Evidences

Evidences of the Bible see Bible — Evidences and authority

Evil

See also Dualism; Sin; Temptation

Evil eye

See also Charms; Superstition; Witch-

Refer from Chemistry - Analysis; Gases

Refer from Anthropology; Breeding; Children; Civilization; Heredity; Man; Marriage; Parents; Prenatal influences; Race improvement (s); Social problems; Sociology

Refer from Austrian succession, War of; History, Modern; Seven years' war; Spanish succession, War of; Thirty years' war

Refer from Crimean war; History, Modern; Holy alliance; Napoleonic wars; Nineteenth century; Peninsular war, 1807-1814; Triple alliance

Refer from Literature

Refer from Christian union; U. S.— Religious history

Refer from Church work; Conversion; Missions; Revivals

Refer from Chemistry; Meteorology; Physics; Vapor (s)

Refer from Continuation schools (s); Education; Education, Secondary; Evening schools (s); Night schools (s); Public schools; Schools

Refer from Forests and forestry; Hedges; Landscape gardening; Trees Refer from Landlord and tenant; Rent

Refer from Acknowledgments; Actions at law; Circumstantial evidence (s); Criminal law; Faith; Identification; Law; Logic; Philosophy; Presumptive evidence (s); Proof (s); Testimony (s); Trials; Witnesses

Refer from Ethics; Religion; Sin; Temptation; Theology

Refer from Demonology; Folklore; Magic; Superstition; Witchcraft

Fish ares a Francian.

Evil spirits see Demonology

Evolution

See also Adaptation (biology); Anatomy, Comparative; Anthropology; Biology; Color of animals; Color of man; Color of plants; Creation; Degeneration; Embryology; Environment; Heredity; Life — Origin; Man -Origin and antiquity; Mendel's law; Mimicry (biology); Missing link; Natural selection; Religion and science; Species; Teleology; Variation (biology)

Ex libris see Bookplates Examination of witnesses see Witnesses Examination questions see Examinations **Examinations** 

See also Civil service examinations; College entrance requirements; Teachers — Examinations and certificates

Excavating machinery

See also Dredging; Mining machinery; Rock drills

Excavation

See also Earthwork; Excavating machinery; Tunnels

.Excavations see Archaeology; Earthworks (archaeology)

✓ Exchange

See also Balance of trade; Clearing houses; Commerce; Economics; Finance; Foreign exchange; Money; Stock exchange; Stocks; Supply and demand

Excise laws see Internal revenue laws Excommunication

See also Church discipline; Interdict

Ex-convicts see Discharged prisoners
Excursions, School, see School excursions Executioners

Executions see Capital punishment

Executive ability
See also Ability; Efficiency, Industrial; Leadership; Scientific management

Executive power

See also Constitutional law; Monarchy; Pardon; Presidents; Veto

Executors see Administrators and executors Exegesis see Bible - Criticism and interpretation

Exemption from taxation see Taxation, Exemption from

Exercise

See also Gymnastics; Physical education; Play; Running; Training; Walking Exhaustion see Fatigue; Neurasthenia

**Exhibitions** See also Agricultural exhibitions; Art -Galleries and museums; Museums; also special exhibitions, and subhead Exhibitions under names of cities and under various

subjects, e.g. Art - Exhibitions

Exile

See also Expatriation; Penal colonies; Siberia — Exiles

Refer from Adaptation (biology); Anthropology; Biology; Botany; Creation; Darwin-ism (s); Degeneration; Development (s); Environment; Ethnology; Geology; Heredity; Lamarckism (s); Man; Man—Origin and antiquity; Materialism; Natural history; Natural selection; Origin of species (s); Philosophy; Philosophy, Modern; Religion and science; Science; Sociology; Species; Teleology; Variation (biology); Zoology

Refer from Competitive examinations (s); Education; Examination questions (s); Teach-

Refer from Dredging; Excavation; Machinery; Mining machinery

Refer from Civil engineering; Earthwork

Refer from Banks and banking; Bills of exchange (s); Business; Clearing houses; Commerce; Commercial law; Economics; Commerce; Commercial law; Economics; Finance; Money; Negotiable instruments; Supply and demand

Refer from Catholic church; Catholic church Government; Church discipline; Church polity; Interdict

Refer from Biography; Capital punishment

Refer from Ability; Efficiency, Industrial; Leadership; Scientific management

Refer from Constitutional law; Government; Presidents

Refer from Gymnastics; Hygiene; Physical education; Therapeutics

Refer from Expositions (s); Fairs; Industrial arts; Industrial exhibitions (s); International exhibitions (s); Museums; World's fairs (s)

Refer from Banishment (s); Expatriation; Penal colonies; Punishment



Exorcism see Witchcraft Expansion (physics)

See also Gases; Heat

Expansive classification see Classification, Expansive

Expatriation

See also Aliens; Citizenship; Exile; Naturalization

Expeditions, Scientific, see Scientific expeditions

Experience

See also Pragmatism

Experiment stations see Agricultural experiment stations

Experimental chemistry see Chemistry — Laboratory manuals

Experimental psychology see Psychology,

Physiological
Experiments see under subject, e.g. Agricultural experimentation; Animal experimentation: Chemistry—Laboratory manuals:

tion; Chemistry — Laboratory manuals; Electricity — Experiments; Physics — Experiments

Expert evidence

See also Medical jurisprudence

Expert testimony see Expert evidence Explorations see Discoveries and explorations Explorers

See also Discoveries and explorations; Travelers; Voyages and travels; also names of continents and countries, subheads Description and travel, and Discovery and exploration

Explosions

See also Boiler explosions; Explosives; Insurance, Casualty; Mine accidents; Safety lamps

Explosives

See also Ammunition; Blasting; Chemistry, Technical; Dynamite; Guncotton; Gunpowder; Mines, Military; Nitroglycerin; Torpedoes

Exportation see Commerce; Penal colonies; Tariff

Exports see Commerce; Tariff Expositions see Exhibitions

Express companies

See also Carriers; Parcels post

Expression

See also Anatomy, Artistic; Delsarte system; Elocution; Physiognomy; Rhetoric

Expropriation see Eminent domain Exterritorial jurisdiction see Exterritoriality Exterritoriality

See also Ambassadors; Consuls

Extinct animals see Animals, Extinct; Paleon-

tology Extra illustration Refer from Heat; Physics

Refer from Aliens; Citizenship; Exile

Refer from Knowledge; Psychology

Refer from Evidence; Expert testimony (s); Medical jurisprudence; Trials; Witnesses

Refer from Adventure; Biography; Discoverers (s); Discoveries and explorations; Geography; Heroes; Travelers; Voyagers (s); Voyages and travels

Refer from Accidents

Refer from Blasting; Chemistry, Technical; Dynamite; Explosions; Guncotton; Gunnery; Gunpowder; Manufactures; Military art and science; Mines, Military; Mining engineering; Nitroglycerin

Refer from Carriers; Public service corporations; Railroads; Transportation

Refer from Acting; Anatomy, Artistic; Delsarte system; Dramatic expression (s); Elocution; Emotions; Face; Physiognomy

Refer from Ambassadors; Consuls; Diplomatic and consular service; Exterritorial jurisdiction (s); Extraterritoriality (s); International law

Refer from Grangerism (s); Illustration of books

Extracts, Flavoring, see Flavoring extracts

Extradition

See also Asylum, Right of; Political offenses

Extraterritoriality see Exterritoriality Extravagance were house.

See also Sumptuary laws; Thisit

ORefer from Conduct of life; Standard of living; Thrift

Refer from Arrest; Crime and criminals;

Criminal law: International law: Law: Politi-

cal offenses

millwork

Extreme unction see Unction Eye

See also Blind; Light; Sight; Spectacles

Refer from Anatomy; Eyes (s); Face; Head; Light; Ophthalmology (s); Optics, Physiological (s); Sight; Spectacles; Vision (s)

tice; Myopia; Ophthalmia

Refer from Astigmatism; Medicine - Prac-

——Diseases and defects

See also Astigmatism; Blind; Color blindness; Eyestrain; Myopia; Ophthalmia

Eye-glasses see Spectacles Eye-strain see Eyestrain Eyes see Eye **Eyestrain** 

**Fables** 

See also Allegories; Animal lore; Bestiaries; Folklore; Parables

Refer from Eye — Diseases and defects; Eye-strain (s)

Refer from Allegories; Animal lore; Animals — Stories; Fiction; Folklore; Legends; Literature; Parables

Refer from French poetry: Trouvères

Refer from Head; Physiognomy

Fabliaux Face

See also Beauty, Personal; Color of man; Cosmetics; Expression; Eye; Mouth; Nose; Physiognomy

Facetiæ see Humor

**Factories** 

See also Factory inspection; Factory laws; Factory management; Factory system; Mills and millwork; Textile factories Factors see Brokers and factors Factory costs see Cost accounting Factory inspection

See also Employers' liability; Factory laws

Factory laws

See also Child labor; Employers' liability; Factory inspection; Hours of labor; Labor laws; Women — Employment

Factory management

See also Cost accounting; Factory system; Scientific management

Factory system

See also Child labor; Factories; Factory inspection; Factory laws; Factory management; Hours of labor; Women — Employment

Factory waste see Refuse and refuse disposal; Waste products Faience see Pottery Failure (in business) see Bankruptcy

Fair trade see Reciprocity

Fairies

See also Fairy tales; Folklore

Refer from Employers' liability; Factories;

Refer from Architecture; Factory system; Industrial arts; Manufactures; Mills and

Factory laws; Factory system; Inspection of factories (s)

Refer from Children — Law: Employees'

Refer from Children — Law; Employers' liability; Factories; Factory inspection; Factory system; Government regulation of industry; Labor laws

Refer from Factories; Factory system; Management of factories, shops, etc (s); Scientific management; Works management (s)

Refer from Child labor; Economics; Factories; Factory management; Industry; Labor and laboring classes; Manufactures; Women — Employment

Refer from Elves (s); Fairy tales; Folklore; Gnomes (s); Goblins (s); Superstition



Fairs

See also Agricultural exhibitions: Exhibitions; also names of cities, subhead Fairs Fairy tales

See also Fairies: Folklore

Faith

See also Agnosticism; Belief; Certainty; Creeds; Evidence; Justification; Religion; Sects; Skepticism; Theology; Truth

Faith cure

See also Christian science; Emmanuel movement; Mental healing; Miracles; Suggestive therapeutics

Falconry

See also Game birds

Fall see Autumn

Fall of man

See also Bible - Old Testament - Genesis; Eden; Sin

**Fallacies** 

See also Logic Falling stars see Meteors Falls see Waterfalls Falsehood see Equivocation; Lying Fame

See also Hall of fame Families see Family; Genealogy

**Family** 

See also Ancestor worship; Children; Divorce; Domestic relations; Ethics; Fathers; Home; Home economics; Home education; Husbands; Marriage; Matriarchy; Mothers; Parents; Patriarchy; Tribes and tribal system; Widows; Wives; Women

Family histories see names of countries and cities, subhead Genealogy; also names of individual families

Family prayer see Family worship Family worship

See also Devotional exercises; Prayer; Prayers

**Famines** 

See also Starvation

Fan see Fans Fan blowers see Fans, Mechanical Fan drill see Drills and marches **Fanaticism** 

See also Asceticism; Enthusiasm; Flagellants; Inquisition; Persecution

Fancy see Imagination

Fancy dress see Costume
Fancy work

See also Artificial flowers; Beadwork;
Crocheting; Decoration and ornament;
Drawn work; Embroidery; Knitting; Lace; Leather work; Needlework

Fans

See also Costume

Refer from Amusements; Commerce; Entertainments: Festivals

Refer from Children's literature; Fairies; Fiction; Folklore; Legends; Literature; Mythology; Stories (s)

Refer from Authority (in religion); Belief; Certainty; Christian life and character; Doubt (s); Justification; Religion; Religious belief (s); Theology

Refer from Divine healing (s); Medicine and religion; Mental healing; Subconsciousness; Suggestive therapeutics; Therapeutics

Refer from Birds; Fowling (s); Game birds; Hawking (s); Hunting; Sports

Refer from Bible; Bible - Old Testament - Genesis; Eden; Sin; Temptation; Theology

Refer from Logic

Refer from Success

Refer from Children; Consanguinity; Domes-Home economics; Husbands; Kinship (s); Man; Marriage; Parents; Social problems; Sociology; Tribes and tribal system; Wives; Women

Refer from Devotional exercises; Family prayer (s); Prayer; Prayers; Worship

Refer from Food supply; History; Relief work (s); Starvation

Refer from Intolerance (s); Religion; Theology

Refer from Crocheting; Decoration and ornament; Domestic arts; Drawn work; Embroidery; Home economics; House decoration; Knitting; Needlework; Women

Refer from Costume; Fan (s)

• . . . Fans - Continued

-Electric

See also Fans. Mechanical

-Mechanical

See also Fans, Electric; Mechanical

Far East see East

Far-eastern question see Eastern question (Far East)

Farm animals see Domestic animals; Live stock

Farm buildings

See also Architecture, Domestic; Barns and stables; Poultry houses

#### Farm colonies

Farm houses see Architecture, Domestic; Country houses; Farm buildings Farm implements and machinery

See also Electricity on the farm; Farm motors; Harvesting machinery; Mowing machines; Plows

Farm labor

See also Peasantry

Farm laws see Agricultural laws Farm life

See also City and country; Country life; Farmers; Gardening; Ranch life

Farm machinery see Farm implements and machinery

Farm management

See also Farm labor; Market gardening; Marketing of farm produce; Rotation of Crops

Farm motors

See also Electricity on the farm; Farm implements and machinery; Traction engines; Windmills

Farm products see Agricultural products; Marketing of farm produce

Farm schools

Farm tools see Farm implements and machinery

Farm values

See also Farms, Abandoned

**Farmers** 

See also Agricultural societies; Agriculture; Farm labor; Farm life; Grange

Refer from Electric apparatus and appliances; Electric fans (s); Fans, Mechanical; Ventilating fans (s); Ventilation

Refer from Blowers (s); Centrifugal fans (s); Fan blowers (s); Fans, Electric; Machinery; Mechanical draft; Mechanical fans (s); Ventilating fans (s); Ventilation

Refer from Agricultural physics; Agriculture; Architecture; Architecture, Domestic; Architecture, Rural (s); Barns and stables; Country houses; Farm houses (s); Poultry houses; Rural architecture (s)

Refer from Agricultural colonies (s); Agriculture; Charities; Colonies and colonization; Labor and laboring classes; Labor colonies (s); Land; Poor; Salvation army; Unemployed

Refer from Agricultural implements (8); Agricultural machinery (s); Agricultural tools (s); Agriculture; Electricity on the farm; Farm machinery (s); Farm motors; Farm tools (s); Harvesting machinery; Implements, utensils, etc.; Machinery; Mowing machines; Plows; Tools

Refer from Agricultural laborers (s); Agriculture; Farm management; Farmers; Labor and laboring classes; Peasantry

Refer from Agriculture; City and country; Country life; Farmers; Farming (s); Outdoor life; Rural life (s)

Refer from Agriculture; Farms; Marketing of farm produce; Range management (s)

Refer from Agricultural physics; Electricity on the farm; Engines; Farm implements and machinery; Motors

Refer from Agriculture - Study and teaching; Education; School farms (s); Schools

Refer from Agriculture; Farms; Real estate; Value

Refer from Agriculture; Farm life

### Farmers' institutes

Farming see Agriculture; Farm life Farming, Dry, see Dry farming

See also Agriculture; Farm management;
Farm values
—Abandoned

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Farriery see Horse; Horseshoeing; Veterinary medicine

Fashion

See also Clothing; Costume; Dandies; Dressmaking; Hairdressing; Tailoring Fasting

See also Asceticism; Fasts and feasts; Lent; Starvation

Fasts and feasts

See also Advent; Ash Wednesday; Christian year; Christmas; Easter; Festivals; Good Friday; Holidays; Holy week; Lent; Sunday; Thanksgiving day

Fat see Corpulence; Oils and fats Fatalism see Fate and fatalism Fate and fatalism

See also Fortune telling; Freedom of the will; Predestination

**Fathers** 

See also Parents

Fathers of the church

See also Apostolic canons; Apostolic constitutions; Apostolic fathers; Church history
— Early church; Councils and synods;
Saints

Fatigue

See also Overwork: Rest

----Mental

See also Mental hygiene; Neurasthenia; Overpressure (education)

Fats see Oils and fats Fauna see Zoology Fauns

Faust

Favored nation clause see Commercial treaties Fayence see Pottery

Fear

See also Courage; Emotions; Worry Feasts see Fasts and feasts Feathers

Fecundity

See also Reproduction

Federal courts see U. S. - Courts

Refer from Agricultural societies; Agriculture; Institutes, Farmers' (s)

Refer from Agriculture; Land; Real estate

Refer from Abandoned farms (s); Farm values

Refer from Costume; Hairdressing; Social psychology; Style (in dress) (s)

Refer from Abstinence (s); Asceticism; Penance

Refer from Catholic church; Christian antiquities; Christian year; Church calendar (s); Church ceremonies (s); Church festivals (s); Church of England; Church polity; Days; Ecclesiastical fasts and feasts (s); Fasting; Feasts (s); Festivals; Holidays; Holy days (s); Holy week; Lent; Protestant Episcopal church in the U. S.; Religion; Religious festivals (s); Rites and ceremonies

Refer from Destiny (s); Fatalism (s); Fortune (s); Luck (s); Philosophy

Refer from Children; Family; Husbands; Parents

Refer from Ante-Nicene fathers (s); Apostolic fathers; Catholic church; Catholic church—Biography; Christian biography; Church fathers (s); Church history; Church history—Early church; Patristics (s); Patrology (s); Post-Nicene fathers (s); Saints; Theology

Refer from Exhaustion (s); Hygiene; Nervous system; Overwork; Rest; Weariness (s)

Refer from Brain; Mental exhaustion (s); Mental fatigue (s); Mental hygiene; Mental overwork (s); Mind and body; Neurasthenia; Psychology, Physiological

Refer from Mythology

Refer from Legends

Refer from Anxiety (s); Emotions; Worry

Refer from Animal products; Birds; Millinery

Refer from Fertility (s); Reproduction; Vital statistics

But and and and a

Federal government

See also Democracy; Nationalism, New; Republics; Secession; State governments; State rights

Federal ownership see Government ownership Federal regulation of industry see Government regulation of industry

Federation, Imperial, see Imperial federation Feeble-minded

See also Children, Abnormal and backward; Defectives; Idiocy

Feed see Feeding and feeding stuffs Feed water

See also Boiler scale; Boilers; Feed-water heaters; Injectors; Water — Purification Feed-water heaters

Feeding and feeding stuffs

See also Alfalfa; Clover; Corn; Ensilage; Forage plants; Grain; Grasses; Hay; Live stock; Oats; Root crops

Feeling see Touch
Feelings see Emotions
Feet see Foot
Felony see Crime and criminals
Females see Women
Rence wire
Fences

See also Fence wire; Gates; Hedges; Railings

Fencing

See also Dueling; Swords

Fenians (society)

See also Canada — History — 1867-; Home rule — Ireland; Ireland — History; Ireland — Politics Fens see Marshes

Fermentation

See also Bacteriology; Brewing; Chemistry, Organic; Chemistry, Technical; Enzymes; Putrefaction; Yeast

Ferments see Enzymes; Fermentation Ferns

See also Cryptogams
Ferries

See also names of cities, subhead Ferries

Ferro-concrete see Concrete, Reinforced Ferrotype

Fertility see Fecundity; Soil fertility

Fertilization of plants

See also Botany — Physiology; Color of flowers; Plant breeding

7 Fertilizers and manures

See also Agricultural chemistry; Alfalfa; Ammonia; Guano; Gypsum; Lime; Nitrification; Peat; Phosphates; Soil inoculation Refer from Confederacies (s); Constitutional law; Democracy; Free institutions; Government; Republics; Secession

Refer from Brain; Children, Abnormal and backward; Defectives; Idiocy; Imbecility (s); Insanity; Mental diseases; Mentally deficient children (s)

Reser from Boiler scale; Boilers; Water; Water — Purification Reser from Feed water

Refer from Agriculture; Alfalfa; Cattle; Corn; Ensilage; Feed (s); Fodder (s); Forage plants; Grasses; Hay; Live stock; Sheep; Soiling crops (s); Swine

Refer from Barbed wire (s); Fences; Wire

Refer from Architecture; Gates; Railings .

Refer from Amusements; Athletics; Dueling; Fighting (s); Military art and science; Sports; Swords

Refer from Canada — History — 1867-; Home rule — Ireland; Ireland — History; Ireland — Politics; Secret societies

Refer from Bacteriology; Botany — Physiology; Chemistry; Chemistry, Organic; Chemistry, Technical; Enzymes; Ferments (s); Liquors; Physiological chemistry; Putrefaction; Yeast

Refer from Cryptogams; Filices (s)

Refer from Inland navigation; Transportation; Waterways

Refer from Photography; Tintype (s)

Refer from Botany; Botany — Physiology; Color of flowers; Flowers; Insects; Plants; Plants — Fertilization (s); Pollination (s)

Refer from Agricultural chemistry; Agriculture; Guano; Manures (s); Phosphates; Soil fertility; Soils



**Festivals** 

See also Fairs; Fasts and feasts; Holidays; May day; Musical festivals; Pageants; Play festivals; Processions; Tournaments; also names of cities, subhead Festivals, etc. Fetichism see Fetishism

**Fetishism** 

See also Animism; Idolatry; Tree worship; Voodooism

Feudal system see Feudalism

**Feudalism** 

See also Chivalry; Civilization, Medieval; Clans; Knights and knighthood; Manors; Middle ages; Peasantry; Scutage; Serfdom; Villeinage

Feuds see Vendetta

Fever

See also Hay fever; Malaria; Scarlet fever; Typhoid fever; Typhus fever; Yellow fever

Fiat money see Coinage; Greenbacks; Legal tender; Paper money

**Fibers** 

See also Cotton; Flax; Hemp; Jute; Linen; Ramie; Silk; Textile industry and fabrics; Wool

Fibres see Fibers

**Fiction** 

See also Allegories; Fables; Fairy tales; Folklore; Historical fiction; Idealism in literature; Legends; Naturalism in literature; Novelists; Plots (drama, novel, etc.); Realism in literature; Romances; Short stories; also American fiction, English fiction, etc.; also Automobile stories, College stories, Detective stories, Railroad stories, School stories, Sea stories, and similar headings, and subhead Fiction under various subjects

-Historical, see Historical fiction

Fiction in libraries

See also Children's literature

Fictitious names see Pseudonyms; Fiction -Dictionaries; Literature - Dictionaries Fiddle see Violin Fidelity see Loyalty

Field artillery see Artillery Field hospitals see Hospitals, Military; Medi-

cine, Military Field sports see Hunting; Sports; Track

athletics

Fifteenth century See also Renaissance

Fighting see Boxing; Bullfights; Dueling; Fencing; Gladiators; Military art and science; Navalart and science; Tournaments; War

Figure drawing

See also Anatomy, Artistic; Figure paintine

Figure of the earth see Earth - Figure

Refer from Amusements; Carnivals (s); Celebrations (s); Days; Entertainments; Fasts and feasts; Holidays; Pageants; Religious festivals (s)

Refer from Animism; Fetichism (s); Idolatry; Indians - Religion; Superstition; Worship

Refer from Chivalry; Civilization, Medieval; Feudal system (s); Government; Knights and knighthood; Land tenure; Law; Manors; Middle ages; Scutage; Serfdom; Sociology; Vassals (s); Villeinage

Refer from Inflammation; Medicine - Practice; Pathology

Refer from Agricultural products; Cordage; Cotton; Fibres (s); Flax; Hemp; Jute; Linen; Ramie; Textile fibers (s); Textile industry and fabrics

Refer from Ethics; Literature; Novels (s); Romance (s); Romances; Short stories; Stories (s)

Refer from Books and reading; Children's literature; Libraries; Libraries and fiction (s); Library administration

Refer from History, Modern; Middle ages; Renaissance

Refer from Anatomy, Artistic; Drawing; Figure painting; Human figure in art (s)

Arana.

Figure painting

See also Anatomy, Artistic; Figure drawing; Painting; Proportion (art) Figures of speech see Rhetoric

Files and rasps **Filibusters** 

See also Buccaneers; Cuba — History; Pirates

Filices see Ferns Filters and filtration

See also Water - Purification; Water supply

Filtration see Filters and filtration Final cause see Causation; Teleology Finance

See also Auditing; Bankruptcy; Banks and banking; Bimetallism; Bonds; Business depression; Capital; Capitalists and financiers; Church finance; Claims; Commerce; Corporations; Credit; Debts, Public; F.conmics; Exchange; Foreign exchange; Income; Insurance; Interest; Internal revenue laws; Investments; Loans; Money; Municipal finance; Panics; Prices; Repudiation; Securities; Silver (as money); Sinking funds: Speculation: Stock exchange: Stocks: funds; Speculation; Stock exchange; Stocks; Tariff; Taxation; Trust companies; Trusts; Wealth; also names of countries, subhead Finance

Financial crises see Panics Financiers see Capitalists and financiers Finding lists see Catalogs, Library Fine arts see Art Finger plays

Finger marks see Finger prints

See also Bertillon system; Identification

Finger rings see Rings Fingers see Finger prints; Hand Finite see Infinite Finnish language

See also Ural-Altaic languages

Finnish literature See also Finnish poetry

Finnish poetry

See also Finnish literature

See also Combustion; Fires; Flame; Fuel; Heat; Heating; Smoke; also headings beginning Fire

Fire alarms

Fire balls see Meteors Fire boats

Fire damp

See also Mine accidents; Mine fires; Mine ventilation

Fire departments

See also Fire protection; Firemen; also official reports of fire departments under names of cities

Refer from Anatomy, Artistic; Figure drawing; Human figure in art (s); Painting

Refer from Hardware; Rasps (s); Tools

Refer from Buccaneers; Cuba - History; Freebooters (s)

Refer from Filtration (s); Sanitary engineering; Sewage; Water — Purification; Water supply

Refer from Banks and banking; Bimetallism; Bonds; Business; Commerce; Debts, Public; Economics; Exchange; Funds (s); Govern-ment; History; Income; Loans; Money; Paper money; Revenue (s); Taxation; Wealth

Refer from Kindergarten

Refer from Anthropometry; Bertillon system; Finger marks (s); Fingers (s); Hand; Identification

Refer from Ural-Altaic languages

Refer from Finnish poetry

Refer from Finnish literature

Refer from Chemistry; Combustion; Flame;

Refer from Electric apparatus and appliances; Fires; Signals

Refer from Boats and boating; Fire protection; Steamboats

Refer from Gases; Marsh gas (s); Mine accidents; Mine fires; Mine ventilation

Refer from Fire protection; Firemen

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#### Fire drills

### Fire engines

## Fire escapes

Fire etching see Pyrography
Fire insurance see Insurance, Fire
Fire-places see Fireplaces
Fire prevention see Fire protection
Fire-proof buildings see Fireproof construction
Fire-protection

See also Fire boats; Fire departments; Fire drills; Fire engines; Fire escapes; Fireproof construction; Fireproofing

Fire walk Fire worship

See also Parsees; Zoroastrianism

#### **Firearms**

See also. Ammunition; Arms and armor; Arsenals; Artillery; Gunnery; Gunpowder; Guns; Ordnance; Pistols; Projectiles; Rifles; Shooting; Shotguns; Target practice Fireless cookers

### Firemen

See also Fire departments

Fireplaces

See also Architecture, Domestic; Chimneys; Mantels

**Fireproof construction** 

See also Building laws; Concrete construction; Fireproofing; Steel construction

Fireproofing

See also Asbestos; Fireproof construction

#### Rires

See also Chimneys; Fire alarms; Fire protection; Forest fires; Insurance, Fire; Mine fires; also names of cities, subhead Fires and fire prevention

## **Fireworks**

First aid in illness and injury

See also Accidents; Bandages and bandaging; Battlefield relief; Burns and scalds; Drowning; Poisons

#### Fish

See also Aquariums; Fish as food; Fish culture; Fisheries; Fishing; Marine zoology; Vertebrates; also names of fishes, e.g. Salmon, Trout—U.S.

See also Fisheries — U. S.

## Fish as food

See also Sea food

Refer from Fire protection; School management

Refer from Engines; Fire protection; Steam

engines

Refer from Building; Building laws; Fire
protection

Refer from Fire departments; Fire prevention (s); Fires; Municipal improvement; Protection from fire (s)

Refer from Ordeals; Rites and ceremonies

Refer from Elements, Worship of; Parsees; Worship; Zoroastrianism

Refer from Ammunition; Arms and armor; Gunnery; Guns; Military art and science; Ordnance; Pistols; Projectiles; Rifles; Shooting; Small arms (s); Weapons (s)

Refer from Cookery; Hay boxes (s); Hay stoves (s); Home economics; Stoves

Refer from Fire departments; Life-saving

Refer from Architecture; Architecture, Domestic; Chimneys; Fire-places (s); Heating; House decoration; Mantels

Refer from Architecture; Building; Building laws; Building materials; Concrete construction; Fire-proof buildings (s); Fire protection; Fireproofing

Refer from Fire protection; Fireproof construction; Insurance, Fire

Refer from Conflagrations (s); Disasters; Fire; Life-saving; Theater fires (s)

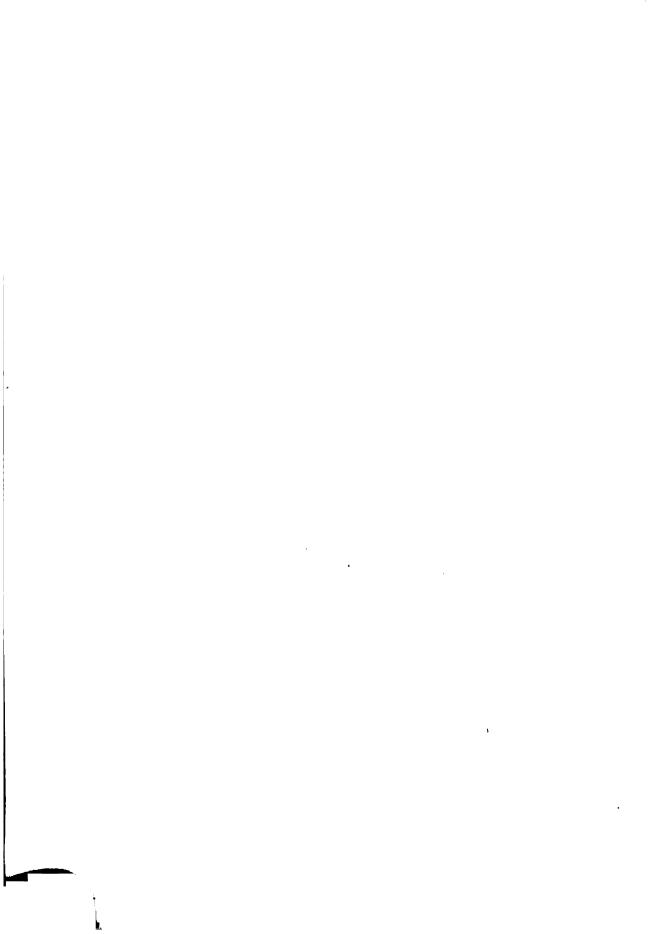
Refer from Chemistry, Technical; Pyrotechnics (s)

Refer from Accidents; Ambulance drill (s); Ambulances; Bandages and bandaging; Battlefield relief; Burns and scalds; Drowning; Emergencies (s); Hospitals; Injuries (s); Lifesaving; Medicine; Medicine, Military; Nurses and nursing; Poisons; Relief work (s); Surgery; Surgery, Military; Therapeutics

Refer from Fisheries; Fishes (s); Ichthyology (s); Marine zoology; Pisces (s); Salmon; Trout; Vertebrates; Zoology

Refer from Fisheries — U. S.; U. S.— Fish (s); U. S.— Ichthyology (s); Zoology — U. S.

Refer from Cookery; Fish; Food; Sea food



Fish culture

See also Fisheries

**Fisheries** 

See also Fish; Fish culture; Fishing; Seals (animals) -U. Š.

See also Fish - U. S.

Fishermen

See also Fishing; Missions - Seamen

Fishes see Fish Fishing

See also Fisheries; Fishermen; Game laws; Harpoons; Salmon; Trout

Five nations see Iroquois Indians Flag day

## Flagellants

Flagellation see Flagellants; Flogging Flags

See also Flag day; Signals

Flame

See also Fire

Flash-light photography see Photography, Flash-light

Flats see Apartment houses

Flavoring extracts

See also Essences and essential oils; Vanilla

Flax

See also Fibers; Linen

Fleets see Navies; Ships; Warships Flemish language

See also Germanic languages

**Flies** 

See also Diptera; Hessian flies; Insects as carriers of contagion; Tsetse flies

Flight

See also Aerodynamics; Aeronautics; Animal locomotion; Animal mechanics; Birds; Flying machines; Wings

Flint implements see Stone implements Flogging

See also Corporal punishment; Flagellants

Flood see Deluge

Floods

See also Insurance, Casualty; Meteorology; Rivers

Floors

See also Building; Carpets; Linoleum; Mosaics; Pavements; Rugs; Sweeping Flora see Botany

Refer from Fish; Fisheries; Pisciculture (s)

Refer from Fish; Fish culture; Fishing; Industrial arts; Sea fisheries (s)

Refer from Fish — U. S.; U. S.— Fisheries (s); U. S.— Foreign relations; U. S.— Industries and resources

Refer from Fishing

Refer from Angling (s); Aquatic sports; Fish; Fisheries; Fishermen; Hunting; Outdoor life; Sports

Refer from Flags; Holidays

Refer from Church history; Church history Middle ages; Fanaticism; Flagellation (s); Flogging; Penitentes (s); Sects

Refer from Banners (s); Ensigns (s); Heraldry; Military art and science; Signals; Standards (s)

Refer from Fire; Heat

Refer from Cookery; Essences and essential oils; Extracts, Flavoring (s); Food; Vanilla

Refer from Fibers; Linen; Textile industry and fabrics; Yarn

Refer from Germanic languages; Low German language

Refer from Contagion and contagious diseases; Diptera; Fly (s); House flies (s); Household pests; Insects as carriers of contagion

Refer from Aerodynamics; Aeronautics; Animal locomotion; Animal mechanics; Birds; Flying (s); Locomotion; Wings

Refer from Corporal punishment; Flagellation (s); Punishment; Rod, The (s); Whipping (s)

Refer from Disasters; History; Hydraulic engineering; Inundations (s); Meteorology; Rivers

Refer from Architecture; Building; Carpentry

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Floral decoration

See also Church decoration and ornament; Flowers

Floral design see Design, Decorative Plant forms

**Floriculture** 

See also Annuals (plants); Bulbs; Electrohorticulture; Flowers; Fumigation of plants; Gardening; Greenhouses; Plant breeding; Plant propagation; Window gardening; also names of special flowers, e. g. Carnations; Lilies; Orchids; Roses; Violets

Flour and flour mills

See also Grain; Wheat

Flow of water see Hydraulics
Flower drawing see Flower painting and
drawing
Flower forms see Plant forms
Flower gardening see Floriculture
Flower gardens see Gardens
Flower language

Flower missions
Flower painting and drawing
See also Plant forms

Plowers

See also Artificial flowers; Botany; Buds; Color of flowers; Fertilization of plants; Florial decoration; Floriculture; Flower language; Flower missions; Flower painting and drawing; Flowers in poetry; Glass flowers; National flowers; Odors; Paper flowers; Plants; Wax flowers; Window gardening; also names of flowers, e.g. Carnations, Lilies, Lotus, Orchids, Roses, Violets—Artificial, see Artificial flowers—Language of, see Flower language

——National, see National flowers

Flowers in poetry

Fluids

See also Gases; Hydraulic engineering; Hydraulics; Hydrodynamics; Hydrostatics; Jets; Liquids; Mechanics; Osmosis; Physics; Solution (chemistry); Viscosity

Flumes

See also Hydro-electric plants; Irrigation canals; Water power

Flute

See also Musical instruments; Wind instruments

Flute ceremonies

Fluxions see Calculus Fly see Flies Flying see Flight Flying machines

See also Aeronautic motors; Aeronautics; Aeroplanes

Fodder see Feeding and feeding stuffs

See also Fog signals; Meteorology

Refer from Church decoration and ornament; Decoration and ornament; Flowers; House decoration

Refer from Agriculture; Annuals (plants); Botany; Bulbs; Carnations; Flower gardening (s); Flowers; Gardening; Horticulture (s); House plants (s); Industrial arts; Lilies; Orchids; Plants; Plants, Cultivated; Roses; Violets; Window gardening

Refer from Bread; Food; Grist mills (s); Manufactures; Milling (flour) (s); Mills and millwork; Wheat

Refer from Flowers; Flowers, Language of (s); Language of flowers (s); Plant lore Refer from Charities; Flowers

Refer from Drawing; Flower drawing (s); Flowers; Painting; Plant forms

Refer from Botany; Botany, Structural; Floral decoration; Floriculture; Plants; Wild flowers (s)

Refer from Flowers; Poetry; Poetry of flowers (s)

Refer from Hydraulic engineering; Hydraulics; Hydrostatics; Liquids; Mechanics; Physics

Refer from Irrigation canals; Water power

Refer from Musical instruments; Wind instruments

Refer from Hopi Indians; Indians — Religion; Rites and ceremonies

Refer from Aerodromes (s); Aeronautics; Aeroplanes; Flight; Helicopters (s)

Refer from Meteorology; Water

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Fog signals
Foliage see Leaves

Folk dances see Dancing

Folk-lore see Folklore

Folk psychology see Ethnopsychology Folk songs

See also Ballads; Carols; Folklore; Lullabies; National songs; Negro songs; Songs Folklore

See also Animal lore; Animism; Chap-books; Charms; Counting out; Devil; Divining rod; Evil eye; Fables; Fairies; Fairy tales; Folk songs; Geographical myths; Ghosts; Legends; Manners and customs; Medical folklore; Mythology; Nature myths; Nursery rhymes; Plant lore; Proverbs; Romances; Sagas; Super-stition; Weather lore; Witcheraft stition; Weather lore; Witchcraft

-Celtic See also Legends, Celtic -Indians, see Indians — Folklore

-Japan See also Legends - Japan

-Negroes, see Negroes — Folklore Folklore of animals see Animal lore Folklore of medicine see Medical folklore Folklore of plants see Plant lore Fonts see Baptismal fonts

See also Animal food; Bakers and bakeries; Beverages; Bread; Butter; Cannibalism; Cereals, Prepared; Chocolate; Condiments; Cookery; Corpulence; Cost of living; Diet; Digestion; Dinners and dining; Eating; Eggs; Fish as food; Flavoring extracts; Flour and flour mills; Food adulteration and inspection; Food laws; Food preservation and preservatives; Food supply; Fruit; Grain; Groceries; Hygiene; Liquors; Marketing; Markets; Meat; Milk; Mushrooms; Nutrition; Nuts; Oysters; Poultry; Pro-teins; Sea food; Stimulants; Sugar; Table; Temperance; Vegetables; Vegetarianism -Analysis

See also Food adulteration and inspection

Food adulteration and inspection

See also Adulterations; Chemistry, Household; Consumers' leagues; Food - Analysis; Food laws; Food preservation and preservatives; Meat inspection; Milk supply; Oleomargarine

Food for invalids see Cookery for the sick; Diet

Food inspection see Food adulteration and inspection

Food laws

See also Food adulteration and inspection

Food preservation and preservatives

See also Canning and preserving; Cold storage; Food adulteration and inspection; Refer from Fog; Navigation; Signals

Refer from Ballads; Folklore; National songs; Songs

Refer from Animal lore; Archaeology; Ethnology; Fables; Fairies; Fairy tales; Fiction; Folk-lore (s); Folk songs; Legends; Literature; Man; Manners and customs; Mythology; People; Plant lore; Proverbs; Sagas; Superstition; Traditions (s)

Refer from Celtic folklore (s); Celts; Legends.

Refer from Japan — Folklore (s); Japanese folklore (s); Legends — Japan

Refer from Beverages; Cookery; Diet; Digestion; Dinners and dining; Eating; Gastronomy (s); Home economics; Hygiene; Meals (s); Nutrition; Table

Refer from Analysis of food (s); Chemistry, Household; Food adulteration and inspection; Sanitary chemistry

Refer from Adulterations; Analysis of food (s); Chemistry, Household; Food; Food — Analysis; Food inspection (s); Food laws; Food preservation and preservatives; Hygiene; Hygiene, Public; Inspection of food (s); Meat inspection; Pure food laws (s); Sanitary chemistry

Refer from Food; Food adulteration and inspection; Pure food laws (s)

Refer from Canning and preserving; Cold storage; Food; Food adulteration and inspec-

Formaldehyde; Refrigeration and refrigerating machinery

Food supply

See also Agriculture — Statistics; Corn laws; Famines; Packing industry

See also Idiocy

**Foot** 

See also Anatomy; Boots and shoes; Chiropody; Hosiery Foot-racing see Running Foot-soldiers see Infantry Football

See also College athletics

## Footprints, Fossil

Fops see Dandies Forage plants

See also Alfalfa; Clover; Corn; Ensilage; Feeding and feeding stuffs; Grasses; Grazing; Pastures and meadows; Sorghum

Force and energy

See also Centrifugal force; Dynamics; Dynamometer; Electromotive force; Mechanics; Motion; Physics; Potential, Theory of

**Forecasts** 

See also Fortune telling; Prophecies; Utopias; Weather forecasts

Foreign exchange Ree 9 chang foreign

Foreign missions see Missions, Foreign Foreign relations see International relations; also names of countries, subhead Foreign relations

Foreign trade see Commerce Foreigners see Aliens; Citizenship; English language — For foreigners; Naturalization; also names of countries and cities, subhead Foreign population Foremen's schools

Forenames see Names, Personal Forensic chemistry see Chemistry, Legal Forensic medicine see Medical jurisprudence Foreordination see Predestination Forest fires

Forest nurseries

Forest planting See also Tree planting

Forest products

See also Botany, Economic; Commercial products; Gums and resins; Lumber and lumbering; Rubber; Timber; Veneers and veneering; Wood; Wood pulp

Forest reserves

See also Forests and forestry; National parks and reserves

tion; Preservation of food (s); Preservatives (food) (s)

Refer from Commerce; Economics; Food; Prices

Refer from Clowns; Court fools (s); Humor; Jesters (s)

Refer from Anatomy; Feet (s); Toes (s)

Refer from Ball (s); College athletics; Games; School athletics Refer from Fossil footprints (s); Ichnology (s); Paleontology

Refer from Agriculture; Alfalfa; Feeding and feeding stuffs; Grasses; Grazing; Pastures and meadows

Refer from Conservation of energy (s); Correlation of forces (s); Dynamics; Energy (s); Kinematics; Matter; Mechanics; Metaphysics; Motion; Philosophy; Physics; Power

Refer from Future (s); Predictions (s); Prophecies; Utopias

Nefer from Banks and banking; Cambistry (s); Commerce; Commercial law; Exchange; Finance; International exchange (s); Money

Refer from Industrial education; Scientific management; Technical education

Refer from Fires; Forests and forestry Refer from Forests and forestry; Nurseries (horticulture); Trees

Refer from Afforestation (s); Forests and forestry; Planting (s); Reforestation (s); Tree planting; Trees

Refer from Agricultural products; Botany, Economic; Commercial products

Refer from Forests and forestry; National parks and reserves; U. S. - Public lands

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Forest schools see Open-air schools Forestalling see Monopolies Forestry see Forests and forestry Forestry education see Forestry schools and education

Forestry schools and education

Forests, Petrified, see Petrified forests

 ▼Forests and forestry See also Arbor day; Conservation of re-sources; Evergreens; Forest fires; Forest nurseries; Forest planting; Forest reserves; Forestry schools and education; Grafting; ing; Natural resources; Pruning; Timber; Tree planting; Trees; Wood—U. S.

Forge work see Blacksmithing; Forging; Ironwork

Forgeries see Antiques, Forged; Art forgeries; Forgery; Literary forgeries and mystifica-

**▶** Forgery

See also Art forgeries; Counterfeits; Embezzlement; Literary forgeries and mystifications

Forgery of antiques see Antiques, Forged Forgery of works of art see Art forgeries Forging

See also Blacksmithing; Dies; Ironwork;

Welding

Form, Musical, see Musical form Formal gardening see Landscape gardening Formaldehyde

See also Disinfection and disinfectants; Fumigation

Formalin see Formaldehyde Forms (in law)

See also Actions at law; Affidavits; Commercial law; Conveyancing; Deeds; Mortgages; Pleading and practice

Fortification See also Castles; Coast defense; Earthwork; Gunnery; Military architecture; Mines, Military; also names of cities, subhead Fortifications, and names of countries,

subhead Defenses Forts see Fortification

Fortune see Chance; Fate and fatalism; Probabilities; Success

Fortune telling
See also Astrology; Cards; Clairvoyance;
Crystal gazing; Divination; Dreams; Halloween; Palmistry

Fortunes see Income; Millionaires; Wealth Fossil footprints see Footprints, Fossil Fossil insects see Insects, Fossil Fossil mollusks see Mollusks, Fossil Fossil plants

See also Paleontology; Petrified forests; Trees, Fossil

Refer from Agriculture - Study and teaching; Forestry education (s); Forests and forestry; Technical education

Refer from Agriculture; Arboriculture (s); Botany; Conservation of resources; Ever-greens; Forest reserves; Forestry (s); Land-scape gardening; Lumber and lumbering; Natural resources; Silviculture (s); Timber; Trees; Water supply; Wood; Woods (s)

Refer from U. S. - Forests and forestry (s); U. S. - Industries and resources

Refer from Counterfeits; Crime and criminals; Embezzlement; Forgeries (s); Fraud; Imposture; Writing

Refer from Blacksmithing; Dies; Drop forging (s); Forge work (s); Ironwork; Machine shop practice

Refer from Disinfection and disinfectants; Food preservation and preservatives; Formalin (s); Fumigation

Refer from Actions at law; Business; Commercial law; Conveyancing; Law; Legal forms (s); Pleading and practice

Refer from Architecture, Military (s); Earthwork; Forts (s); Military architecture; Military art and science; Military engineering; Sieges

Refer from Amusements; Cards; Character reading (s); Divination; Dreams; Fate and fatalism; Forecasts; Future (s); Prophecies; Superstition

Refer from Botany; Botany, Fossil (s); Fossils (s); Paleobotany (s); Paleontology; Plants, Fossil (s)

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Fossil reptiles see Reptiles, Fossil Fossil trees see Trees, Fossil Fossil wood see Trees, Fossil Fossils see Paleontology; also Fossil plants, and subhead Fossil under various animals and plants **Foundations** 

See also Bridges — Foundations and piers; Building; Caissons; Civil engineering; Cofferdams; Compressed air; Concrete; Earthwork; Masonry; Piles and pile driv-ing; Shoring and underpinning; Walls Founding see Foundry work

Foundlings

See also Adoption; Children - Charities, protection, etc.; Orphans and orphan asylums

Foundry work

See also Cast iron; Cupola furnaces; Pattern making

**Fountains** 

See also Springs

### Fourth dimension

Fourth of July

See also Declaration of independence; Fourth of July orations

# Fourth of July orations

Fowl see Poultry Fowling see Falconry Fowls see Poultry Fox see Foxes Foxes

See also Carnivora

**Fractures** 

See also Bones; Radiography; Surgery; X rays Frames (for pictures) see Picture frames

France — History

See also Basques -To 1328

See also Franks; Gauls
-House of Valois, 1328-1589

See also Agincourt, Battle of; Huguenots; Hundred years' war; Reformation - France; St. Bartholomew's day, Massacre of

Bourbons, 1589–1789

See also Austrian succession, War of; Diamond necklace affair; French and Indian war; Fronde; Iron Mask; Seven years' war; Spanish succession, War of Revolution, see French revolution

Consulate and empire, 1799-1815 See also Napoleonic wars; Peninsular war, 1807-1814; Waterloo, Battle of -Restoration, 1815-1848

Refer from Architecture; Building; Caissons; Civil engineering; Cofferdams; Earthwork; Engineering; Masonry; Piles and pile driving; Shoring and underpinning; Walls

Refer from Children; Children - Charities, protection, etc.; Orphans and orphan asylums,

Refer from Cast iron; Casting (s); Cupola furnaces; Founding (s); Furnaces; Industrial arts; Iron; Iron founding (s); Iron industry; Machine shop practice; Metals; Molding (s); Moulding (s); Pattern making; Steel; Tuyeres (s)

Refer from Architecture; Hydraulic engineering; Water supply

Refer from Dimension, Fourth (s); Geometry; Hyperspace (s); Mathematics; Space

Refer from Declaration of independence; Holidays; Independence day (s); July fourth (s)

Refer from Fourth of July; Orations, American; U. S. - History - Revolution

Refer from Carnivora; Fox (s); Fur-bearing animals; Hunting

Refer from Bones; Surgery

Refer from Franks; Gauls

Refer from Agincourt, Battle of; Hundred years' war; Reformation - France; St. Bartholomew's day, Massacre of

Refer from Ancien régime (s); Austrian succession, War of; Fronde

Refer from Napoleonic wars; Waterloo, Battle of

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France - History - Continued

-Revolution of 1848

See also France - History - Second

Second republic, 1848-1852

See also France - History - Revolution of 1848; France — History — Coup d'état, 1851

Coup d'état, 1851
See also France — History — Second republic; France — History — Second empire

Second empire, 1852-1870

See also Crimean war; France— History—Coup d'état, 1851; Franco-German war

-Franco-German war, 1870–1871, *see* Franco-German war

Third republic, 1870-See also Paris — History — Siege and commune, 1871

Franchise see Suffrage

Franchise taxation see Corporations - Taxa-

Franchises, Municipal, see Municipal franchises

Franciscans

See also Capuchins; Monasticism

Franco-German war, 1870-1871

See also France — History — Second empire; Paris — History — Siege and commune, 1871; Sedan campaign

### Franking privilege Franks

See also France - History - To 1328; Germany - History - To 1517

Fraternal insurance see Benefit societies Fraternities, Benevolent, see Benefit societies Fraternities, College

See also Hazing; Secret societies

## Fraternities, High school

# Fraud

See also Antiques, Forged; Art forgeries; Counterfeits; Forgery; Imposture; Swindlers and swindling

Frauds, Literary, see Literary forgeries and mystifications

Free agency see Freedom of the will Free churches

Free coinage of silver see Coinage; Silver (as money)

Free-hand drawing see Drawing

Free institutions

See also Democracy; Federal government; Liberty; Representative government and representation; Republics

Refer from France - History - Second republic: Revolutions

Refer from France - History - Revolution of 1848; France - History - Coup d'état, 1851

Refer from Coup d'état of 1851 (s); France - History — Second republic; France — History - Second empire

France — History — Coup from d'état, 1851; Franco-German war

Refer from Commune, Paris (s); Paris -History — Siege and commune

Refer from Capuchins; Friars minor (s); Gray friars (s); Grey friars (s); Minorites (s); Monasticism; Religious orders

Refer from France — History — Second empire; France — History — Franco-German war (s); Germany — History — 1866—; Paris — History - Siege and commune; Sedan campaign
Refer from Postal service

Refer from France - History - To 1328; Germany - History - To 1517; Teutonic race

Refer from College fraternities (s); Colleges and universities; Greek letter societies (s); Hazing; Secret societies; Societies; Student life

Refer from Greek letter societies (s); High school fraternities (s); High schools; Secret societies: Societies

Refer from Crime and criminals; Imposture; Misrepresentation (s); Swindlers and swindling

Refer from Church polity; Churches (s)

Refer from Government; Liberty

Free masons see Freemasons

Free religion

See also Free thought; Liberty of conscience Free schools see Charity schools; Public

schools

Free seed distribution see Seeds — Distribution Free soil party

See also Slavery in the U. S.; U. S.— History—1815-1861

Free speech see Liberty of speech Free thinking see Free thought Free thought

See also Agnosticism; Deism; Free religion; Rationalism; Religious liberty; Secularism; Skepticism
Free trade see Tariff question
Free will see Freedom of the will

Freebooters see Buccaneers; Filibusters; Pirates Freedmen

See also Negroes; Reconstruction; Slavery

Freedom see Liberty; Slavery
Freedom of the press see Liberty of the press
Freedom of the will

See also Necessity; Predestination; Will

#### Freemasons

----Templars
See also Templars

Freezing see Cold; Frost; Ice; Plants, Effect of temperature on; Refrigeration and refrigerating machinery Freight

See also Carriers; Demurrage; Railroads

Rates; Transportation

Freight rates see Freight. For railroad freight rates see Railroads — Rates

French and Indian war, 1755-1763

See also Indians — Wars; Pontiac's conspiracy; Seven years' war; U. S. — History — Colonial period

French-Canadian literature see Canadian literature

French-Canadians

See also Acadians; Canada — History — Rebellion, 1837-1838

French drama

See also Dramatists, French; French literature; Theater — France
French essays

See also French literature

Refer from Free thought; Religion; Religious liberty; Theology; Unitarianism

Refer from Political parties; Republican party; Slavery in the U. S.; U. S. — History — 1815-1861

Refer from Deism; Free religion; Free thinking (s); Rationalism; Religious liberty; Skepticism

Refer from Negroes; Reconstruction; Slavery; Slavery in the U.S.

Refer from Determinism (s); Ethics; Fate and fatalism; Free agency (s); Free will (s); Indeterminism (s); Liberty of the will (s); Necessity; Predestination; Psychology; Theology; Will

Refer from Anti-masonry (8); Free masons (s); Knights of the red cross (8); Masons (secret order) (s); Secret societies

(secret order) (s), becret societies

Refer from Knights templars (masonic) (s); Order of the temple (s); Templars

Refer from Carriers; Commerce; Freight rates (s); Railroads; Railroads — Freight (s); Transportation; Waterways

Refer from Canada — History — To 1763; England — History — 1714-1837; France — History — Bourbons; French in America; Indians — Wars; New York (state) — History; Seven years' war; U. S. — History — Colonial period; U. S. — History — French and Indian war (s)

Refer from Canada — Social life and customs; Ethnology — Canada; French in America; National characteristics, Canadian

Refer from Dramatists, French; French literature; French poetry; Theater — France

Refer from Essays; French literature

		i

French fiction

See also French literature

French in America

See also Canada - History - To 1763 (New France); French and Indian war; French-Canadians; Queen Anne's war; U. S. - History - Revolution - French ticipation

French language [subdivided like German language]

See also Commercial correspondence — French; Précieuses; Provençal language; Romance languages

French literature

See also Authors, French; Charlemagne -Romances; Encyclopedists; French drama; French essays; French fiction; French poetry; Précieuses; Provençal literature; Romance literature; Symbolism in literature French philosophy see Philosophy, French French poetry

See also Fabliaux; French drama; French literature; Poets, French; Troubadours; Trouvères

French revolution

See also Chouans; Girondists; Jacobins; Napoleonic wars; Vendean war

-Causes -Personal narratives French salons see Salons French spoliation claims

Fresco painting see Frescoes Frescoes

See also Mural painting and decoration; Stencil work

## Fresh air charity

Fresh air schools see Open-air schools Fresh-water fauna

See also Aquariums; Fresh-water life; Insects, Aquatic Fresh-water flora see Aquatic plants Fresh-water life

See also Aquatic plants; Fresh-water fauna; Plankton

Fret cutting see Grilles; Lattice; Wood carving Friars see Monasticism Friars minor see Franciscans Friars preachers see Dominicans Friction

See also Bearings (machinery); Lubrication and lubricants

Friendly societies see Benefit societies Friendly visiting See also Charities

Friends, Society of

Refer from French literature

Refer from Canada - History - To 1763 (New France)

Refer from Langue d'oil (s); Romance languages

Refer from Authors, French; French drama; French essays; French fiction; French poetry; Provençal literature; Romance literature

Refer from French literature; Poets, French

Refer from Directory, French (8); France — History — Revolution (8); Girondists; Jac-obins; Reign of terror (8); Revolutions; Terror, Reign of (s); Vendean war

Refer from Claims; U. S.— Foreign relations — France; U. S.— History — 1783-1812

Refer from Art; Decoration and ornament; Fresco painting (s); House painting; Mural painting and decoration; Painting
Refer from Charities; Children — Charities,

protection, etc.

Refer from Aquariums; Aquatic animals (s); Fresh-water life; Marine zoology; Zoology

Refer from Aquatic life (s); Aquatic plants; Brook life (s); Fresh-water fauna; Limno-biology (s); Plankton; Pond life (s); Ponds

Refer from Bearings (machinery); Lubrication and lubricants; Machinery; Mechanical engineering; Mechanics; Physics

Refer from Charities; Charity; Poor; Social settlements; Social work

Refer from Congregationalism; Dissenters; Nonresistance; Persecution; Puritans; Quakers (s); Sects; Society of Friends (s)

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**Friendship** 

See also Love; Sympathy

Froebel system of education see Kindergarten Frogs

See also Amphibia; Toads

Fronde

See also France — History — Bourbons

Frontier and pioneer life

See also Colonial life and customs; Colonies and colonization; Cowboys; Indians — Captivities; Overland journeys to the Pacific; Ranch life; Western states

Frontiers

See also Boundaries

## **Frost**

See also Cold; Frost protection; Ice; Plants, Effect of temperature on; Refrigeration and refrigerating machinery

## Frost protection

### Fruit

See also Berries; Canning and preserving; Fruit culture; Nuts; also names of fruits, e.g. Apple, Grape, Orange, Peach, Pear

---Diseases and pests

See also Fumigation of plants; Fungi; Insects, Injurious and beneficial; Plants — Diseases; Scale insects; Spraying; Trees — Diseases and pests; also names of diseases and pests, e.g. Crown gall, Codling moth

# ----Evaporation

#### Fruit culture

See also Agriculture; Frost protection; Fruit — Diseases and pests; Fumigation of plants; Fungicides; Gardening; Grafting; Nurseries (horticulture); Pruning; Spraying; also names of fruits

Fruit pests see Fruit - Diseases and pests

See also Briquets; Calorimeters and calorimetry; Charcoal; Coal; Coke; Furnaces; Gas; Gas, Natural; Heating; Lignite; Liquid fuel; Peat; Petroleum; Smoke; Wood

Fugitive slaves

See also Maroons; Underground railroad (slavery)

Fugue

See also Canon (music); Musical form

**Fumigation** 

See also Disinfection and disinfectants; Formaldehyde; Fumigation of plants

Fumigation of plants

See also Fruit - Diseases and pests

Refer from Affection (s); Conduct of life; Ethics; Love; Sympathy

Refer from Amphibia; Toads

Refer from France - History - Bourbons

Refer from Adventure; Border life (s); Colonies and colonization; Overland journeys to the Pacific; Pacific states; Pioneer life (s); Western states

Refer from Boundaries; International relations

Refer from Cold; Freezing (s); Meteorology; Water

Refer from Agriculture; Frost; Fruit culture; Gardening; Orchard heating (8); Protection from frost (s)

Refer from Agricultural products; Apple; Berries; Botany; Food; Grape; Orange; Orchards (s); Peach; Pear; Pomology (s); Small fruit (s); Trees

Refer from Agricultural pests; Bacteriology, Agricultural; Fruit culture; Fruit pests (s); Fumigation of plants; Fungi; Insects, Injurious and beneficial; Plants — Diseases; Spraying; Trees — Diseases and pests

Refer from Evaporation of fruit (s)

Refer from Agriculture; Arboriculture (s); Fruit; Gardening; Grafting; Horticulture (s); Orchards (s); Pomology (s); Pruning

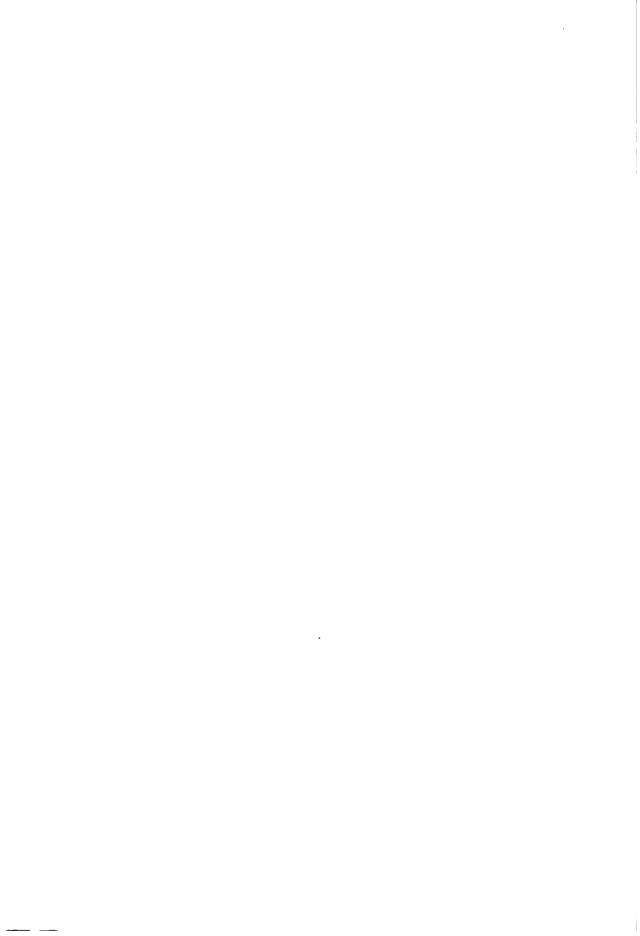
Refer from Boilers; Briquets; Chemistry, Technical; Combustion; Engines; Fire; Furnaces; Heating; Home economics; Manufactures; Mechanical engineering; Smoke

Refer from Slavery in the U.S.; Underground railroad (slavery)

Refer from Canon (music); Composition (music); Counterpoint; Music; Music — Theory; Musical form

Refer from Contagion and contagious diseases; Disinfection and disinfectants; Formal-dehyde; Smoke

Refer from Floriculture; Fruit — Diseases and pests; Fruit culture; Fumigation; Gardening



Functions

See also Calculus; Groups, Theory of

Funds see Finance; Sinking funds Funeral rites and ceremonies

See also Burial; Funeral sermons; Indians - Mortuary customs; Mourning customs

Funeral sermons

See also Obituaries

Fungi

See also Bacteriology; Crown gall; Cryptogams; Dry rot; Fruit — Diseases and pests; Fungicides; Galls (botany); Mildew; Mold; Mushrooms; Plants — Diseases Fungicides

See also Bordeaux mixture: Spraying

See also Fur-bearing animals; Fur trade; Hides and skins

Fur-bearing animals:

See also names of fur-bearing animals, e.g. Foxes, Seals (animals), Wolves Fur seals see Seals (animals)

Fur trade

See also Hudson Bay company; Trapping

**Furnaces** 

See also Blast furnaces; Boilers; Cupola furnaces; Electric furnaces; Foundry work; Fuel; Mechanical draft; Metallurgy; Smelting

Furniture

See also Antiques; Bamboo; Beds; Cabinet work; Candlesticks; Chairs; Church furniture; Garden ornaments and furniture; House decoration; Lamps; Library fittings and supplies; Mirrors; School furniture and equipment; Upholstery; Veneers and veneering; Wood carving—Colonial

Furs see Fur Future see Forecasts; Fortune telling; Future dife; Prophecies Future life

See also Annihilation; Death; Eschatology; Eternity; Future punishment; Heaven; Hell; Judgment day; Millennium; Purgatory; Resurrection; Salvation; Soul; Spiritualism; Transmigration

Future punishment

See also Future life; Hell; Purgatory; Universalism

Future religion see Religion of the future Fylfot see Swastika

Refer from Algebra; Analysis (mathematics) (s); Calculus; Elliptic functions (s); Logarithms

Refer from Archaeology; Burial; Christian antiquities; Death; Manners and customs; Mortuary customs (s); Rites and ceremonies

Refer from Funeral rites and ceremonies; Obituaries: Sermons

Refer from Agricultural pests; Cryptogams; Fruit — Diseases and pests; Microbes (s); Mildew; Mold; Mushrooms; Mycology (s); Parasites; Pests (s); Plants - Diseases

Refer from Bordeaux mixture: Fruit culture: Fungi; Germicides (s); Spraying

Refer from Animal products; Clothing; Furs (s); Hides and skins

Refer from Fur; Mammals; Zoology; Zoology, Economic

Refer from Canada — Commerce; Commerce; Fur; Hudson Bay company; Trapping

Refer from Fuel; Heating; Metallurgy; Smelting

Refer from Arts and crafts; Beds; Cabinet work; Chairs; Decoration and ornament; Home economics; House decoration; Industrial arts; Interior decoration (s); Manufactures; Upholstery; Wood carving

Refer from Colonial furniture (s); Colonial life and customs

Refer from Annihilation; Death; Eschatology; Eternal life (s); Eternity; Future (s); Future punishment; Hades (s); Heaven; Hell; Immortality (s); Intermediate state (s); Judgment day; Life; Man; Millennium; Natural religion; Philosophy; Probation (theology) (s); Purgatory; Religion; Resurrection; Retribution (s); Salvation; Soul; Theology: Universalism Theology; Universalism

Refer from Death; Endless punishment (s); Eschatology; Future life; Hell; Punishment; Purgatory; Retribution (s); Sin; Theology; Universalism

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Gables

See also Roofs Gadhelic literature see Celtic literature Gadsden purchase

Gaelic language

See also Celtic languages; Irish language

Gaelic literature

See also Celtic literature; Irish literature (Celtic)
Gaels see Celts

Gaging

Galaxy see Milky way
Gales see Storms; Winds
Gallanty shows see Shadow pantomimes
Galleries (art) see Art — Galleries and museums; also special galleries
Galleys

Gallic wars

See also Gauls; Rome — History — Republic
Gallican church see Catholic church in France
Galls (botany)
See also Crown gall

Galvanic batteries see Electric batteries Galvanism see Electricity Galvanizing

See also Electroplating; Plating

Galvanometer

See also Electric measurement

Galvanoplasty see Electrometallurgy; Electroplating; Electrotyping

Galveston plan of city government see Municipal government — Commission plan

Gambling

See also Betting; Cards; Dice; Horse racing; Lotteries; Poker; Probabilities
Game

See also Game birds; Game laws; Game protection; Hunting; Shooting; Tracking; Trapping; also names of animals, e.g. Deer Game birds

See also Falconry; Game; Shooting; also names of game birds, e.g. Ducks

Game laws

See also Game protection; Poaching

Game protection

See also Game laws

Games

See also Amusements; Athletics; Backgammon; Baseball; Basket-ball; Billiards; Bowling; Cards, and names of card games; Checkers; Chess; College athletics; Counting out; Cricket; Croquet; Curling; Dice; Dominoes; Football; Gambling; Golf; Handball; Hockey; Indians — Games; Kinder-

Refer from Architecture; Roofs

Refer from Arizona; New Mexico; U. S.—Annexations

Refer from Celtic languages; Erse (s); Irish language; Scottish language (s)

Refer from Celtic literature; Irish literature (Celtic); Scottish literature

Refer from Gauging (s); Mensuration; Weights and measures

Refer from Punishment; Ships; Slavery; Warships

Refer from Gauls; Rome — History — Republic

Refer from Botany — Physiology; Fungi; Plants — Diseases

Refer from Electrogalvanizing (s); Electroplating; Iron; Plating; Zinc

Refer from Electric apparatus and appliances; Electric measurement

Refer from Betting; Cards; Crime and criminals; Ethics; Games; Gaming (s); Sports

Refer from Big game (s); Game birds; Hunting; Shooting; Zoology

Refer from Birds; Ducks; Falconry; Game; Hunting; Shooting; Wild fowl (s)

Refer from Animals — Protection (s); Birds — Protection; Fishing; Game; Game protection; Hunting; Law; Poaching

Refer from Animals — Protection (s); Birds — Protection; Game; Game laws; Hunting; Protection of game (s)

Refer from Amusements; Athletics; Cards; Pastimes (s); Physical education; Play; Recreation (s); Sports



garten — Games and songs; Lacrosse; Olympic games; Ping-pong; Play; Polo; Rackets; School athletics; Solitaire; Sports; String figures; Tennis; Toys Gaming see Gambling Gaols see Prisons Garages

Garbage see Refuse and refuse disposal Garden cities

See also Cities - Planning and laying out

Garden furniture see Garden ornaments and furniture

Garden of Eden see Eden

Garden ornaments and furniture

See also Concrete pottery; Rustic wood-work

Gardening

See also Acclimatization (plants); Agricultural pests; Agriculture; Botany; Electrohorticulture; Floriculture; Frost protection; Fruit culture; Fumigation of plants; Gardens; Grafting; Greenhouses; Insects, Injurious and beneficial; Landscape gardening; Lawns; Market gardening; Nurseries (horticulture); Plant breeding; Plant propagation; Pruning; School gardens; Seedlings; Seeds — Selection and testing; Shrubs; Spraying; Vacant lot cultivation; Vegetables; Weeds; Window gardening

Gardens

See also Botanical gardens; Garden ornaments and furniture; Gardening; Landscape gardening; School gardens; Water gardens
Garment cutting [for underwear, white goods,

etc.] See also Dressmaking; Tailoring

Garnishment see Attachment

Garter, Order of the

Gas

See also Acetylene; Chemistry, Technical; Coal-tar products; Gas and oil engines; Gas lighting; Gas producers; Gases; Incandescent gas-lighting; Petroleum

---Natural

See also Geology, Economic

Gas and oil engines

See also Alcohol motors; Gas producers; Heat engines; Liquid fuel

Gas companies

See also Gas lighting

Gas engines see Gas and oil engines

Refer from Architecture; Automobiles; Barne and stables

Refer from Cities; Cities — Planning and laying out; Housing problem; Industrial betterment; Municipal improvement

Refer from Furniture; Garden furniture (s); Gardens; Landscape gardening; Rustic woodwork

Refer from Agriculture; Botany; Country life; Farm life; Floriculture; Fruit culture; Gardens; Home economics; Horticulture (s); Industrial arts; Kitchen gardening (vegetables) (s); Landscape gardening; Market gardening; Planting (s); Plants; Plants, Cultivated; School gardens; Shrubs; Vegetable gardening (s); Vegetables

Refer from Botanical gardens; Flower gardens (s); Gardening; Landscape gardening

Refer from Clothing; Cutting (s); Dress-making; Underwear

Refer from Knights and knighthood; Order of St. George (English) (s); Order of the Garter (s)

Refer from Chemistry, Organic; Chemistry, Technical; Coal; Coal gas (s); Coal-tar products; Fuel; Gas lighting; Gases; Illuminating gas (s); Lighting; Manufactures; Petroleum; Producer gas (s)

Refer from Fuel; Gas wells (s); Geology, Economic; Natural gas (s); Wells

Refer from Engines; Gas; Gas engines (s); Gas motors (s); Gas producers; Gasoline engines (s); Heat engines; Internal combustion engines (s); Kerosene engines (s); Liquid fuel; Marine engines; Motors; Oil engines (s); Petrol engines (s); Petroleum engines (s)

Refer from Gas lighting; Public service corporations

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Gas fitting

See also Gas meters; Pipe fitting; Plumbing

Gas lighting

See also Acetylene; Electric gas lighting; Gas; Gas companies; Gas meters; Incandescent gas-lighting

Gas mantles see Incandescent gas-lighting

Gas meters

Gas motors see Gas and oil engines Gas producers See also Gas and oil engines

Gas wells see Gas, Natural

See also Acetylene; Aerodynamics; Air; Argon; Chemistry; Electric discharges through gases; Eudiometer; Fire damp; Gas; Helium; Ionization of gases; Liquefaction of gases; Nitrogen; Oxygen; Ozone; Viscosity

-Kinetic theory

Gasoline

Gasoline engines see Gas and oil engines Gasoline launches see Motor boats

Gasteropoda

See also Mollusks

Gastronomy see Cookery; Dinners and dining; Eating; Food

Gastropoda see Gasteropoda

Gates

See also Fences

Gauging see Gaging Gauls

See also Celts; France — History — To 1328; Gallic wars

Gazetteers

See also Names, Geographical; also names of countries, subhead Description and travel — Gazetteers

Gearing

See also Machine design; Mechanical movements; Power transmission; Valves and valve gears

Geese

See also Poultry; Water birds

Gelatin

See also Glue; Physiological chemistry

Gems

See also Cameos; Diamonds; Glyptics; Intaglios; Jewelry; Precious stones

Genealogy

See also Biography; Estates, Unclaimed; Heraldry; Peerage; Precedence; Royal descent, Families of; Visitations, Heraldic; Vital records; Wills; also names of families, and names of countries and cities, subhead Genealogy

Generals

See also Military biography Generation see Reproduction Refer from Pipe fitting; Plumbing

Refer from Gas; Gas companies; Incandescent gas-lighting; Lighting

Refer from Gas fitting; Gas lighting; Meters (s)

Refer from Gas; Gas and oil engines; Producer gas (s)

Refer from Chemistry; Expansion (physics); Fluids; Gas; Mechanics; Physics; Pneumatics (s); Vapor (s)

Refer from Kinetic theory of gases (s)
Refer from Liquid fuel; Petrol (s); Petroleum

Refer from Gastropoda (s); Mollusks

Refer from Architecture; Doors; Fences

Refer from Celts; Ethnology — France; France — History — To 1328; Gallic wars

Refer from Geography; Geography — Dictionaries (s); Names, Geographical

Refer from Bevel gearing (s); Cog-wheels (s); Cogwheels (s); Machine design; Machinery; Mechanical movements; Power transmission; Spiral gearing (s)

Refer from Goose (s); Poultry; Water birds; Wild geese (s)

Refer from Animal products; Glue; Isinglass (s); Physiological chemistry

Refer from Archaeology; Art; Cameos; Decoration and ornament; Diamonds; Engraving; Glyptics; Intaglios; Jewelry; Lapidary work (s); Mineralogy; Precious stones

Refer from Ancestry (s); Biography; Descent (s); Families (s); Heraldry; History; History — Sources; Pedigrees (s)

Refer from Military biography



Generation, Spontaneous, see Spontaneous generation

Generators, Electric, see Dynamos Geneva award see Alabama claims Genius

See also Ability; Precocity; Talent

#### Gentlemen

See also Courtesy; Etiquet

# Geochemistry

See also Mineral waters; Mineralogy; Ores; Rocks

Geodes Geodesv

See also Astronomy, Spherical and practi-cal; Azimuth; Earth — Figure; Geography, Mathematical; Latitude and longitude; Least squares; Pendulum; Surveying; also names of countries and states, subhead Surveys

Geodetic surveying see Surveying

Geognosy see Geology
Geographical distribution of animals and plants

See also Acclimatization (plants); Animals - Migration; Ecology; Plant introduc-Plants - Migration; Seeds - Distion; persal

Geographical distribution of men see Anthropogeography Geographical myths

Geographical names see Names, Geographical Geographical pathology see Medical geography Geographical societies

See also Alpine clubs

Geography

See also Antarctic regions; Anthropogeography; Arctic regions; Atlases; Boundaries; Commercial geography; Continents; Discoveries and explorations; Distances; Earth; Ethnology; Explorers; Gazetteers; Geographical myths; Geographical societies; Globes; Islands; Latitude and longitude; Map drawing; Maps; Medical geography; Names, Geographical; Physical geography; Sur-veying; Tropics; Views; Voyages and travels; also names of countries, subhead Description and travel

-Ancient See also Bible - Geography; also names of countries of antiquity, subhead De-

scription, geography -Biblical, see Bible — Geography

- Commercial, see Commercial geography
- -Dictionaries, see Gazetteers
- -Economic, see Commercial geography

Refer from Ability; Heredity; Insanity; Intellect; Psychology; Talent

Refer from Conduct of life; Ethics; Etiquet; Men; Young men

Refer from Chemical geology (s); Chemistry; Earth; Geological chemistry (s); Geology, Chemical (s); Mineralogy; Ores; Physical geography; Rocks

Refer from Geology; Rocks

Refer from Astronomy; Degrees of latitude and longitude (s); Earth; Earth — Figure; Geography, Mathematical; Mathematics; Mensuration; Surveying; Triangulation (s); Trigonometry

Refer from Animals - Geographic distribution (s); Animals — Migration; Botany; Botany, Geographic (s); Distribution of animals and plants (s); Ecology; Physical geography; Phytogeography (s); Plant geography (s); Plants — Geographic distribution (s); Plants - Migration; Zoogeography (s); Zoology

Refer from Folklore; Geography; Geography - History; Imaginary islands (s); Islands, Imaginary (s)

Refer from Alpine clubs; Geography; Societies

Refer from Atlases; Earth; Physical geography; Science; Topography (s); Voyages and travels

Refer from Ancient geography (s); Classical geography (s); Geography, Historical; Geography - History; History, Ancient

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Geography — Continued ——Historical	
See also Geography, Ancient; Historical atlases —History	Refer from Historical atlases; Historical geography (s); History
See also Discoveries and explorations; Geographical myths; Geography, Ancient — Mathematical	Refer from Discoveries and explorations
See also Astronomy; Geodesy; Latitude and longitude; Surveying; Topographical drawing  —Medical, see Medical geography	Refer from Astronomy; Geodesy; Latitude and longitude; Mathematical geography (s); Mathematics; Surveying
<ul> <li>—Physical, see Physical geography</li> <li>—Political, see Boundaries; also names of countries and states, subhead Boundaries</li> <li>—Social, see Anthropogeography</li> </ul>	
Study and teaching	
Geological chemistry see Geochemistry Geological surveys Geologists	Refer from Geology; Surveys (s) Refer from Scientists
Geology	
See also Alluvium; Beaches; Boulders; Coal; Concretions; Creation; Deluge; Dikes (geology); Drift; Earth; Earth — Age; Earthquakes; Erosion; Evolution; Geodes; Geological surveys; Geysers and hot springs; Glacial period; Glaciers; Igneous rocks; Landslides; Man — Origin and antiquity; Metals; Mineralogy; Moraines; Mountains; Ore deposits; Paleontology; Physical geography; Rocks; Sedimentation and deposition; Soils; Stone; Volcanoes——Chemical, see Geochemistry——Economic	Refer from Alluvium; Concretions; Creation; Drift; Earth; Earth—Age; Earthquakes; Erosion; Geognosy (s); Geonomy (s); Glacial period; Man—Origin and antiquity; Mineralogy; Mountains; Natural history; Paleontology; Physical geography; Physical geology (s); Rocks; Science; Sedimentation and deposition; Volcanoes
See also Abrasives; Asbestos; Asphalt; Building stones; Cement; Chalk; Clay; Coal; Coal regions; Gas, Natural; Graphite; Gypsum; Metals; Mineral waters; Mines and mineral resources; Ore deposits; Ores; Peat; Petroleum; Phosphates; Quarries and quarrying; Salt; Soils; Stone; Sulphur	Refer from Abrasives; Asbestos; Asphalt; Building stones; Cement; Chemical geology (s); Clay; Coal; Coal regions; Economic geology (s); Gas, Natural; Graphite; Gypsum; Metals; Mineral waters; Mines and mineral resources; Natural resources; Ore deposits; Ores; Peat; Petroleum; Phosphates; Salt; Sulphur
Stratigraphic	·
See also Paleontology  ——Algonkian	Refer from Stratigraphy (s) Refer from Algonkian period (s); Geology, Stratigraphic — Proterozoic (s)
Archaean	Refer from Archaean period (s); Geology, Stratigraphic — Pre-Cambrian (s); Pre-Cam- brian period (s)
Cambrian	Refer from Cambrian period (s); Geology, Stratigraphic — Paleozoic
Carboniferous	Refer from Carboniferous period (s); Geology, Stratigraphic — Paleozoic
Cenozoic See also Geology, Stratigraphic— Quaternary; Geology, Stratigraphic— Tertiary	Refer from Cenozoic era (8)
Cretaceous	Refer from Cretaceous period (s); Geology,
———Devonian	Stratigraphic — Mesozoic  Refer from Devonian period (s); Geology,  Stratigraphic — Paleozoic; Oriskany forma-
Eocene	tion (s)  Refer from Eocene period (s); Geology,  Strationaphic — Terriany
Glacial, see Glacial period	Stratigraphic — Tertiary



# Geology - Stratigraphic - Continued Turassic -Lower Silurian, see Geology, Stratigraphic - Ordovician Mesozoic See also Geology, Stratigraphic — Cretaceous; Geology, Stratigraphic — Jurassic; Geology, Stratigraphic — Triassic Miocene -Ordovician period (s) -Paleozoic See also Geology, Stratigraphic — Cambrian; Geology, Stratigraphic — Carboniferous; Geology, Stratigraphic — Devonian; Geology, Stratigraphic — Ordovician; Geology, Stratigraphic — Permian; Geology, Stratigraphic — Silurian Permian -Pleistocene, see Glacial period -Pliocene —Pre-Cambrian, *see* Geology, Stratigraphic - Archaean Proterozoic, see Geology, Stratigraphic - Algonkian -Ouaternary See also Glacial period -Silurian Tertiary See also Geology, Stratigraphic — Eocene; Geology, Stratigraphic — Miocene; Geology, Stratigraphic — Pliocene -Triassic Geology — U. S. See also Paleontology - U. S.; Physical geography - U. S. Geology and the Bible see Bible and science Geometrical drawing See also Geometry, Descriptive; Graphics; Mechanical drawing; Perspective; Projection Geometry See also Angles; Axioms; Circle; Circlesquaring; Conic sections; Curves; Fourth dimension; Geometrical drawing; Mathematics; Mensuration; Perspective; Porisms;

Quaternions; Surfaces; Trigonometry

and shadows; Stereotomy

See also Conic sections; Curves; Sur-

See also Perspective; Projection; Shades

-Analytic

-Descriptive

faces

Refer from Geology, Stratigraphic — Mesozoic; Jurassic period (s)

Refer from Mesozoic era (8)

Refer from Geology, Stratigraphic — Tertiary; Miocene period (s)
Refer from Geology, Stratigraphic — Lower Silurian (s); Geology, Stratigraphic — Paleozoic; Lower Silurian period (s); Ordovician period (s)

Refer from Paleozoic era (s)

Refer from Geology, Stratigraphic — Paleozoic; Permian period (s)

Refer from Geology, Stratigraphic — Tertiary; Pliocene period (8)

Refer from Geology, Stratigraphic — Cenozoic; Glacial period; Quaternary period (s) Refer from Geology, Stratigraphic — Paleozoic; Silurian period (s)

Refer from Geology, Stratigraphic — Cenozoic; Tertiary period (s)

Refer from Geology, Stratigraphic — Mesozoic; Triassic period (s)

Refer from Paleontology — U. S.; Physical geography — U. S.; U. S.— Geology (8)

Refer from Drawing; Geometry; Graphics; Mathematical drawing (s); Mechanical drawing; Projection

Refer from Angles; Axioms; Circle; Circlesquaring; Mathematics; Plane geometry (s); Solid geometry (s); Stereography (s); Trigonometry

Refer from Analytical geometry (s); Conic sections; Coordinate geometry (s)

Refer from Descriptive geometry (s); Geometrical drawing; Projection; Shades and shadows

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Geonomy see Geology; Physical geography Germ theory of disease Refer from Bacilli (s); Bacteriology; Contagion and contagious diseases; Disease See also Bacteriology germs (s); Germs (s); Medicine; Pathology German (dance) see Cotillion German-American literature See also Germans in the U. S. Refer from American literature; German literature; Germans in the U. S. Refer from Baptists; Dunkards (s); Dunkers (s); Sects; Seventh-day Baptists; Tunkards (s); Tunkers (s) German Baptist brethren German dictionaries see German language -Dictionaries German drama See also Dramatists, German; German literature; Theater — Germany Refer from Dramatists, German; German literature; Theater - Germany German empire (Western empire) see Holy Roman empire German fiction See also German literature Refer from German literature; German romances (s) German grammar see German language -Grammar German Hebrew see Yiddish language German language See also Germanic languages Refer from Germanic languages Accents -Antonyms see German language -- Synonyms and antonyms -Composition -Conversation and phrase books -Dialects See also Low German language Refer from German dictionaries (s) Dictionaries -Etymology Refer from German grammar (s); German -Grammar language - Syntax (s) -History Meter, see German language — Prosody Orthography, see German language — Spelling Pronunciation Prosody Refer from German language - Meter (s) Readers. Refer from German language - Orthog--Spelling raphy (s) Study and teaching -Synonyms and antonyms German

Refer from German language — Antonyms (s)

Refer from Austrian literature; Authors, German; German drama; German fiction; German poetry

Refer from German literature; Meistersingers; Minnesingers; Poets, German

---Syntax, see German language -- Grammar

German literature

See also Austrian literature; Authors,
German; German-American literature; German drama; German fiction; German
poetry; Parodies; Romances
German philosophy see Philosophy, German

German poetry

See also German literature; Meistersingers; Minnesingers; Poets, German

German romances

For medieval romances see Romances; for modern romances see German fiction

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Germanic languages

See also Anglo-Saxon language; Aryan languages; Danish language; Dutch lanlanguages; Danish language; Dutch language; English language; Flemish language; German language; Gothic language; Grimm's law; Icelandic language; Low German language; Norwegian language; Old Saxon language; Runes; Scandinavian languages; Swedish language

Germanic mythology see Mythology, Germanic Germanic race see Teutonic race

Germans in Pennsylvania See also Germans in the U. S.; Redemptioners; Schwenkfelders

Germans in the U.S.

See also German-American literature; Germans in Pennsylvania; U. S.— History - Revolution — German troops

Germany — History

See also Hanseatic league; Holy Roman empire; Prussia — History

To 1517

See also Franks; Goths

1517-1740

See also Peasants' war; Reformation -Germany; Spanish succession, War of; Thirty years' war

-1740-1815 See also Austrian succession, War of; Napoleonic wars; Seven years' war

-1815-1866

See also Germany - History - Revolution, 1848-1849

-Revolution, 1848–1849

-1866-

See also Franco-German war; Triple alliance, 1883-Germicides see Disinfection and disinfectants; Fungicides

Germination

See also Botany - Physiology; Seeds

Germs see Bacteriology; Germ theory of disease Gerrymander

Gesso

See also Arts and crafts

Gesture

See also Delsarte system; Elocution; Pantomime; Sign language

Gettysburg, Battle of, 1863

See also U. S.— History — Civil war

Geysers and hot springs See also Springs

Ghettos

See also Jews Ghibellines see Guelfs and Ghibellines

Ghost dance

See also Indians - Dances

Ghost stories

Refer from Anglo-Saxon language; Aryan languages; Dutch language; English language; Flemish language; German language; Gothic language; Low German language; Old Saxon language; Scandinavian languages; Teutonic languages (s)

Refer from Germans in the U. S.; Pennsylvania Dutch (s); Pennsylvania Germans (s)

Refer from German-American literature; Germans in Pennsylvania; U. S.— Foreign population

Refer from Hanseatic league; Holy Roman empire; Prussia - History

Refer from Franks; Goths

Refer from Peasants' war: Reformation -Germany; Thirty years' war

Refer from Austrian succession, War of; Seven years' war

Refer from Germany — History — 1815-1866; Revolutions

Refer from Botany - Embryology; Botany - Physiology; Seeds

Refer from Elections; Elections - U. S.; Representative government and representa-tion; U. S.— Politics

Refer from Arts and crafts; Mural painting and decoration; Plaster and plastering; Stucco

Refer from Acting; Elocution; Oratory; Pantomime

Refer from Battles; U. S .- History - Civil war - Campaigns and battles

Refer from Geology; Hot springs (s); Physical geography; Springs; Thermal springs (s)

Refer from Jewries (8); Jews

Refer from Indians — Dances Refer from Ghosts

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Ghosts

See also Apparitions; Demonology; Ghost stories; Illusions and hallucinations; Psychical research; Spiritualism; Superstition

Giants Gifts

See also Charities; Christmas gifts; Philanthropy

Gifts (kindergarten) see Kindergarten Gilding

See also Electroplating; Metal coloring

Gilds

See also Employers' associations; Labor unions; Livery; Neighborhood gilds; also names of cities, subhead Gilds

### Ginseng

Gipsies

See also Nomads

Gipsy language see Romany language Gipsy moth

Girders

See also Bridges; Building; Graphic statics; Roofs; Steel construction; Strains and stresses; Trusses

Girls

See also Child labor; Children; Coeducation; Education; Education of women; Girls' clubs; School children; Women; Young women; Youth

Girls' clubs Girondists

See also French revolution Giving see Charity; Gifts; Philanthropy Glacial drift see Drift Glacial period

See also Drift; Geology; Geology, Stratigraphic — Quaternary; Glaciers; Man — Origin and antiquity

Glaciers

See also Boulders; Drift; Erosion; Glacial period; Ice; Icebergs; Moraines; Physical geography
Gladiators

Gladness see Cheerfulness; Contentment; Happiness Glands

See also Anatomy; Liver

Glass

See also Annealing; Glass flowers; Glass manufacture; Glazing; Stained glass; Windows

Refer from Apparitions; Folklore; Haunted houses (s); Illusions and hallucinations; Psychical research; Specters (s); Spectres (s); Spirits (s); Superstition Refer from Man; Monsters

Refer from Bequests (s); Deeds; Ethics; Giving (s); Presents (s)

Refer from Goldsmithing; Metal coloring; Painting, Mechanical; Plating

Refer from Associations (s); Commerce; Corporations; Economics; Guilds (s); Labor and laboring classes; Labor organizations (s); Labor unions; Local government; Societies; Sociology; Workingmen's associations (s) Refer from Agricultural products; Medical

botany

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Refer from Ethnology; Gypsies (s); Nomads; Vagabonds (s)

Refer from Gypsy moth (s); Moths; Trees — Diseases and pests

Refer from Beams (s); Bridges; Building; Graphic statics; Plate girders (s); Roofs; Steel construction; Strains and stresses; Strength of materials; Trusses

Refer from Children; Conduct of life; Women; Working girls (s); Young people (s); Young women; Youth

Refer from Clubs; Girls; Women's clubs

Refer from French revolution

Refer from Drift; Earth; Geology; Geology, Stratigraphic — Glacial (s); Geology, Stratigraphic — Pleistocene (s); Geology, Stratigraphic — Quaternary; Glaciers; Ice age (s); Man — Origin and antiquity; Pleistocene period (s)

Refer from Boulders; Drift; Erosion; Geology; Glacial period; Ice; Moraines; Physical geography; Water
Refer from Amphitheaters; Fighting (s);

Rome — Social life and customs

Refer from Anatomy; Liver

Refer from Annealing; Arts and crafts; Building materials; Cut glass (s); Plate glass (s); Windows

Refer from Art glass (s); Stained glass Refer from Artificial flowers; Flowers; Glass

In a yane

Glass manufacture

See also Chemistry, Technical; Mirrors; Optical instruments

Glass painting see Stained glass Glassites see Sandemanians

Glazing Glees

See also Choruses and part songs; Songs

Gliders see Aeroplanes Globes

See also Astronomy

Gloves

See also Costume

Glucose

See also Chemistry, Technical

See also Adhesives; Bone products; Gelatin; Paste

**Glyptics** 

See also Gems

Gnomes see Fairies Gnomonics see Sundials

Gnosticism Goats

See also Angora goats; Ungulata

Gobelin tapestry Goblins see Fairies

God

See also Absolute, The; Agnosticism; Atheism; Bible; Causation; Christianity; Creation; Deism; Holy Spirit; Idolatry; Jesus Christ; Metaphysics; Monotheism; Mythology; Natural religion; Pantheism; Polytheism; Providence; Religion; Tele-Theism; Theocracy; Theology; ology; Trinity

Gold See also Alchemy; Cyanide process; Gold (as money); Gold dredging; Gold mines and mining; Goldsmithing; Jewelry; Precious metals

Gold (as money)

, See also Bimetallism; Coinage; Money 2. theaten

Gold cure

Gold dredging

See also Gold mines and mining

Gold mines and mining

See also Gold dredging; Hydraulic mining;

Prospecting Gold plate see Plate

Golden fleece see Argonauts

Goldsmithing

See also Arts and crafts; Gilding; Hall marks; Jewelry; Metal coloring; Plate

Golf Good Friday

See also Lent

Refer from Chemistry, Technical; Glass; Industrial arts; Manufactures

Refer from Glass; Pottery

Refer from Choruses and part songs; Music; Songs

Refer from Astronomy; Earth; Geography;

Refer from Costume: Hand

Refer from Chemistry, Technical; Sugar

Refer from Adhesives; Animal products; Bone products; Cement; Chemistry, Technical; Gelatin; Paste

Refer from Art; Carving (art industries); Engraving; Gems

Refer from Philosophy

Refer from Angora goats; Dairying; Domestic animals; Ungulata Refer from Tapestry

Refer from Atheism; Bible; Christianity; Creation; Deism; Monotheism; Natural religion; Pantheism; Philosophy; Religion; Teleology; Theism; Theodicy (s); Theology; Trinity

Refer from Precious metals

Refer from Bimetallism; Coinage; Gold; Money; Specie (s)

Refer from Alcoholism; Inebriate asylums; Keeley cure (s); Therapeutics

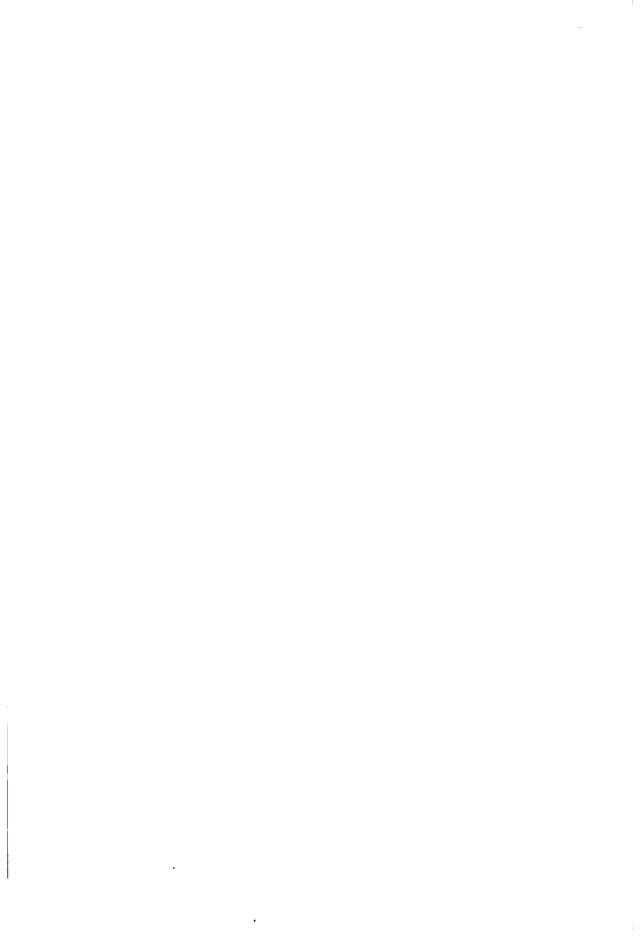
Refer from Dredging; Gold; Gold mines and mining; Hydraulic mining; Placer mining (s)

Refer from Gold; Gold dredging; Hydraulic mining; Mines and mineral resources

Refer from Arts and crafts; Gold; Hall marks; Jewelry; Metal coloring; Metal work; Plate

Refer from Games

Refer from Christian year; Fasts and feasts; Holy week; Lent



Goodness

See also Virtue

Goose see Geese Gorillas

See also Apes

Gospels see Bible — New Testament — Gospels

Gothenburg system

See also Dispensary system

Gothic architecture see Architecture, Gothic Gothic language

See also Germanic languages

Goths

See also Barbarian invasions of Rome; Germany — History — To 1517

#### Gout

## Government

See also Anarchism and anarchists; Aristocracy; Ballot; Bureaucracy; Cabinet system; Charters; Church and state; Citizenship; Civil rights; Civil service; Civilization; Colonies and colonization; Communism; Constitutional history; Constitutional law; Constitutions; Crime and criminals; Democracy; Despotism; Diplomacy; Diplomatic and consular service; Divine right of kings; Economics; Education and state; Elections; Equality; Executive power; Federal govern-ment; Feudalism; Finance; Free institutions; Government ownership; Government regulation of industry; Home rule; Immigration and emigration; Impeachment; Imperial federation; Imperialism; Individualism; Law; Legislation; Legislative bodies; Liberalism; Liberty; Local government; Magistrates; Matriarchy; Military government; Monarchy; Municipal government; Nations; Nihilism; Nominations; Nullifica-tion; Oaths; Oligarchy; Paternalism; Patriarchy; Patriotism; Petition, Right of; Platforms, Political; Police; Police power; Political conventions; Political corruption Political ethics; Political offenses; Political parties; Politics; Primaries; Prisons; Privileged classes; Property; Proportional repre-sentation; Punishment; Race problems; Railroads and state; Rebellion; Recall; Reciprocity; Referendum; Regency; Reli-gious liberty; Representative government and representation; Republics; Revolutions; Riots; Secession; Serfdom; Slavery; Social contract; Socialism; Society, Primitive; Sociology; Sovereignty; State governments; State rights; Statesmen; Statistics; Suffrage; Taxation; Theocracy; Town meeting; Towns; Treaties; Tribes and tribal system; Tyranny; Utopias; Veto; Village communities; Villages; also names of countries and states, subheads Constitution, Government, and Politics, and names of cities, subhead Government and politics

Government banking see Banks and banking;

Postal savings banks

Refer from Christian life and character; Ethics; Virtue

Refer from Apes; Monkeys; Primates

Refer from Dispensary system; Liquor laws; Liquor traffic

Refer from Germanic languages

Refer from Barbarian invasions of Rome; Germany — History — To 1517; Ostrogoths (s); Teutonic race; Visigoths (s) Refer from Medicine — Practice

Refer from Administration (s); Aristocracy; Citizenship; Civics (s); Civil government (s); Constitutional law; Constitutions; Democracy; History; Law; Legislation; Monarchy; Political science (s); Politics; Republics; Science; Social science (s); Sociology; Sovereignty; State, The (s); Statesmanship (s)

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Government by commission see Municipal government — Commission plan Government buildings see Public buildings Government officials see Civil service Government ownership

See also Government regulation of industry; Municipal ownership; Postal telegraph; Public service corporations; Railroads and state; Socialism

Government publications

See also names of countries, subhead Government publications

▶ Government regulation of industry

See also Corporation law; Corporations; Factory laws; Government ownership; Interstate commerce; Labor laws; Municipal ownership; Paternalism; Police power; Public service commissions; Public service corporations; Railroad commissions; Railroads — Rates; Railroads and state; State rights; Trusts

#### Governors

Gowrie conspiracy, 1600 See also Scotland — History Graal see Grail Grace (theology) See also Justification

Grade crossings see Railroads — Crossings Grading in schools see School grading and promotions Graduated taxation see Taxation, Progressive Graduation see Commencements

Graft
See also Bribery; Political corruption

## Grafting

See also Fruit culture

#### Grail

See also Arthurian romances

#### Grain

See also Barley; Corn; Grain elevators; Oats; Rice; Seeds — Selection and testing; Wheat

#### Grain elevators

Graining

See also Painting, Mechanical; Stains and staining; Wood finishing

# Grammar

See also Etymology; Grammar, English; Prosody; also names of languages other than English, e.g. German language — Grammar Refer from Corporations; Economics; Federal ownership (s); Government; Government regulation of industry; Monopolies; Municipal ownership; National ownership (s); Nationalism (s); Paternalism; Postal telegraph; Public ownership (s); Public service corporations; Railroads — Government ownership (s); Railroads and state; Socialism; State ownership (s)

Refer from Documents (s); Official publications (s); Public documents (s); State publications (s)

Refer from Commerce; Economics; Federal regulation of industry (s); Government; Government ownership; Industry; Municipal ownership; Paternalism; Police power; Public service commissions; Public service corporations; Railroads and state; State regulation of industry (s)

Refer from Biography; U. S. — Biography; Statesmen

Refer from Scotland - History

Refer from Conversion; Justification; Salvation; Theology

Refer from Boss rule; Bribery; Crime and criminals; Political corruption; Political ethics

Refer from Forests and forestry; Fruit culture; Gardening; Plant propagation; Trees

Refer from Arthurian romances; Graal (s); Gréal (s); Holy grail (s); Legends; Sangreal (s)

Refer from Agricultural products; Barley; Breadstuffs (s); Cereals (s); Corn; Feeding and feeding stuffs; Flour and flour mills; Food; Oats; Threshing; Wheat

Refer from Architecture; Elevators, Grain (s); Grain; Warehouses

Refer from Painting, Mechanical; Stains and staining; Wood finishing; Woodwork

Refer from Accidence (s); Language; Syntax (s); Words

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## Grammar - Continued -English

Grammar schools See also Education, Elementary

Gramophone see Phonograph Grand jury see Jury Grand opera see Opera Grange

Grangerism see Extra illustration Granite See also Building stones; Rocks

Grape

See also Fruit; Wine

Grapes see Grape Graphic arts see Art; Drawing; Engraving; Painting Graphic statics

See also Bridges; Girders; Mechanical drawing; Roofs; Steel construction; Strains and stresses; Strength of materials

See also Geometrical drawing; Graphic statics; Mechanical drawing Graphite

See also Geology, Economic

Graphology See also Penmanship; Writing

Graphophone see Phonograph Grass see Grasses Grasses

See also Bamboo; Clover; Feeding and feeding stuffs; Forage plants; Grazing; Hay; Lawns; Pastures and meadows

Grasshoppers see Locusts Grave mounds see Mounds and mound builders Graves see Burial; Cemeteries; Mounds and mound builders; Tombs Gravestones see Tombstones Graveyards see Cemeteries Gravitation

See also Astronomy; Matter; Pendulum; Physics; Potential, Theory of; Specific gravity; Weights and measures Gray friars see Franciscans

Grazing

See also Forage plants; Pastures and meadows

Gréal see Grail Grease see Lubrication and lubricants; Oils and fats Great Lakes

Refer from English grammar (s); English language; English language — Grammar (s); English language - Syntax (s); English syntax (s); Grammar

Refer from Education; Education, Elementary; Public schools; Schools

Refer from Agricultural societies; Commerce; Farmers; Patrons of husbandry (s); Secret societies

Refer from Building stones; Igneous rocks; Stone; Rocks

Refer from Fruit; Grapes (8); Vine (8); Vines (s); Vineyards (s); Viticulture (8); Wine

Refer from Bridges; Building; Girders; Graphics; Mechanical drawing; Mechanics; Roofs; Statics; Steel construction; Strains and stresses; Strength of materials

Refer from Drawing; Geometrical drawing; Mechanical drawing

Refer from Black lead (s); Carbon; Geology, Economic; Plumbago (s)

Refer from Character; Character reading (8); Handwriting (s); Penmanship; Psychology; Writing

Refer from Agrostology (s); Botany, Economic; Feeding and feeding stuffs; Forage plants; Grass (s); Hay; Herbage (s); Lawns; Pastures and meadows

Refer from Astronomy; Centrifugal force; Matter; Pendulum; Physics; Specific gravity; Weights and measures

Refer from Forage plants; Grasses; Live stock; Pastures and meadows; U. S.— Public lands

Refer from Lakes; U. S.— Commerce; Waterways — Canada; Waterways — U. S.

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Great schism, 1378-1417, see Schism, The great western, 1378-1417 Greek architecture see Architecture, Greek Greek church

See also Coptic church; Eastern churches

Greek civilization see Greece - Civilization: Hellenism Greek culture see Hellenism Greek drama

See also Dramatists, Greek; Greek literature; Theater - Greece Greek empire see Byzantine empire

Greek language subdivided like German language] See also Aryan languages

Greek language (modern) Greek letter societies see Fraternities, College: Fraternities, High school

Greek literature See also Authors, Greek; Classical litera-

ture; Greek drama; Greek poetry; Hellenism; Satire, Greek

Greek literature (modern) Greek mythology see Mythology, Classical Greek philosophy see Philosophy, Greek Greek poetry

See also Greek drama; Greek literature; Poets, Greek

Greek satire see Satire, Greek

See also Legal tender; Money - U. S.; Paper money Greenhouses

See also Market gardening

Greetings see Salutations Gregorian calendar see Calendar Gregorian chant see Chants Gregorian music see Chants Grey friars see Franciscans Grilles

See also Ironwork; Lattice

Grimm's law Grinding and polishing

See also Abrasives; Machine shop practice

Grippe see Influenza Grist mills see Flour and flour mills Groceries

Grotesque See also Caricature and cartoons Grottoes see Caves Ground water see Water, Underground Group plan for public buildings see Municipal centers

Groups, Theory of See also Algebra; Crystallography Refer from Catholic church; Eastern churches; Holy eastern church (s); Orthodox eastern church (s); Russian church (s)

Refer from Dramatists, Greek; Greek literature; Greek poetry; Theater - Greece

Refer from Aryan languages; Classical languages (s) Refer from Romaic language (s)

Refer from Authors, Greek; Classical literature; Greek drama; Greek poetry; Satire, Greek

Refer from Romaic literature (s)

Refer from Greek literature; Poets, Greek

Refer from Fiat money (8); Legal tender; Money; Money — U. St; Paper money

Refer from Agriculture; Architecture; Con-servatories (s); Floriculture; Gardening; Hot-houses (s); Market gardening; Winter gardening (s)

Refer from Architecture; Doors; Fret cutting (s); House decoration; Ironwork; Lattice; Windows

Refer from Germanic languages

Refer from Abrasives; Machine shop practice; Machine tools; Polishing (s)

Refer from Food

Refer from Esthetics

Refer from Algebra; Equations; Functions; Mathematics; Numbers; Theory of groups (s)

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Growth

See also Regeneration (biology)

Guano

See also Fertilizers and manures '

Guaranties and sureties

See also Bail; Bailments; Bonds; Commercial law

Guaranty of bank deposits Banks and banking Guaranty of deposits

Guardians

See also Administrators and executors; Adoption; Domestic relations; Probate law and practice; Trustees

Guelfs and Ghibellines

See also Italy - History - To 1559

Guelphs see Guelfs and Ghibellines Guerillas see Guerrillas

Guerrillas

See also U. S .- History - Civil war

Guests

See also Entertaining; Hospitality

Guide-books see names of countries and places, e.g. U. S.— Description and travel— Guidebooks

Guidebooks see names of countries and places, e.g. U. S.— Description and travel — Guidebooks

Guilds see Gilds

Guillotine Guitar

See also Stringed instruments

Gulfs see Bays and gulfs Gums and resins

See also Chemistry, Technical; Varnish and varnishing

Gun see Guns

Guncotton

See also Celluloid; Cellulose; Explosives; Gunpowder

Gunnery

See also Ammunition; Artillery; Artillery drill and tactics; Ballistics; Explosives; Firearms; Gunpowder; Guns; Ordnance; Projectiles; Rifle practice; Shooting; Target practice

Gunning see Hunting; Shooting

Gunpowder

See also Ammunition; Explosives; Guncotton

Gunpowder plot

See also England - History - Stuarts

Guns

See also Ammunition; Artillery; Bayonets; Firearms; Gunnery; Gunpowder; Naval guns; Ordnance; Pistols; Rifles; Shooting; Shotguns

Refer from Age; Biology; Development (3); Physiology

Refer from Fertilizers and manures

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Refer from Bail; Bonding companies (s); Bonds; Commercial law; Contracts; Law; Sureties (s)

Refer from Adoption; Domestic relations; Inheritance; Law; Probate law and practice; Trustees; Wards (s); Wills

Refer from Ghibellines (s); Guelphs (s); Italy — History — To 1559

Refer from Guerillas (s); International law; Military art and science; U. S.— History — Civil war; War

Refer from Entertaining; Etiquet; Home economics; Hospitality; Visiting (s)

Refer from Capital punishment

Refer from Musical instruments; Stringed instruments

Refer from Chemistry, Technical; Forest products; Resins (s); Rosin (s)

Refer from Celluloid; Cellulose; Explosives; Gunpowder

Refer from Artillery; Artillery drill and tactics; Ballistics; Firearms; Fortification; Guns; Military art and science; Naval art and science; Naval gunnery (s); Ordnance; Projectiles; Shooting; Target practice

Refer from Ammunition; Chemistry, Technical; Explosives; Firearms; Guncotton; Gunnery; Guns; Ordnance; Powder (s); Smokeless powder (s)

Refer from Catholic church in England; Conspiracies; England — History — Stuarts

Refer from Arms and armor; Cannon (s); Firearms; Gun (s); Gunnery; Hunting; Machine guns (s); Ordnance; Rifles; Shooting

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Gutta-percha

See also Rubber

Gymnasiums

See also Gymnastics; Physical education

**Gymnastics** 

See also Acrobats; Athletics; Drills and marches; Dumb-bells; Exercise; Gymnasiums; Indian clubs; Physical education

## ----Medical

See also Mechanotherapy; Physical education; Swedish movement cure

Gynecology see Women — Diseases Gypsics see Gipsics Gypsum

See also Geology, Economic

Gypsy language see Romany language Gypsy moth see Gipsy moth Gyroscope

See also Railroads - Single rail

Habeas corpus

See also Constitutional law; Martial law

#### Habit

See also Inhibition; Instinct; Left- and right-handedness; Psychology; Subconsciousness
Habitations, Human, see Architecture, Domestic; Housing problem
Habitations of animals see Animals — Habitations
Habits of animals see Animals — Habits and behavior
Hades see Future life; Hell
Haematology see Blood

Haematology see Blood Hail

Hair

See also Baldness; Hairdressing

Hair dressing see Hairdressing Hairdressing

See also Costume; Fashion; Toilet

Half-tone process see Photo-engraving Hall marks

See also Goldsmithing; Pewter; Plate; Silverware

### Hall of fame Halloween

Hallucinations see Illusions and hallucinations Hamites

See also Berbers Hamitic languages

See also African languages; Coptic lan-

guage; Egyptian language Hand

See also Ambidexterity; Anatomy; Finger prints; Gloves; Left- and right-handedness; Manicuring; Palmistry

Refer from Chemistry, Technical; Rubber

Refer from Gymnastics; Physical education

Refer from Acrobats; Athletics; Calisthenics (s); Callisthenics (s); Dumb-bells; Exercise; Gymnasiums; Hygiene; Indian clubs; Manly exercise (s); Physical education; Sports; Training; Turning (gymnastics) (s)

Refer from Mechanotherapy; Medical gymnastics (s); Movement cure (s); Physical education; Swedish movement cure; Therapeutic gymnastics (s); Therapeutics

Refer from Fertilizers and manures; Geology, Economic

Refer from Physics; Railroads - Single rail; Rotation

Refer from Arrest; Constitutional law; Law; Martial law

Refer from Conduct of life; Ethics; Inhibition; Instinct; Psychology

Refer from Meteorology; Storms; Water

Refer from Baldness; Beauty, Personal; Color of man; Head; Pathology

Refer from Coiffure (s); Costume; Fashion; Hair; Hair dressing (s); Toilet

Refer from Goldsmithing; Jewelry; Marks, Goldsmiths' (s); Plate; Plate marks (s); Silversmithing; Silverware

Silversmithing; Silverware

Refer from Fame; U. S.— Biography

Refer from All hallow eve (s); Fortune telling;

Manners and customs; Superstition

Refer from Berbers; Ethnology; Ethnology

— Africa

Refer from African languages; Coptic language; Egyptian language

Refer from Ambidexterity; Anatomy; Beauty, Personal; Fingers (s); Left- and right-handedness

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Hand-ball see Handball Hand-railings see Railings Handball

Handicraft

See also Arts and crafts; Domestic arts; Industrial arts; Manual training; Occupations

Handrailings see Railings

Handwriting see Autographs; Graphology; Penmanship; Writing Hanging see Capital punishment

Hanse towns see Hanseatic league

Hanseatic league

See also Germany — History; Middle ages — History; also names of towns in the league

Happiness

See also Cheerfulness; Contentment; Hedonism; Joy; Optimism; Pleasure

Harbor desense see Coast desense Harbors

See also Breakwaters; Buoys; Civil engineering; Docks; Dredging; Jetties; Pilots and pilotage; Wharves; also names of cities, subhead Harbor

Hard times see Business depression; Panics Hardness

Hardware

See also Bolts and nuts; Cutlery; Files and rasps; Knives; Locks and keys; Metal work; Nails and spikes; Screws; Tools Hare see Hares

Harem

See also Turkey - Social life and customs

See also Belgian hares; Coursing; Rabbits; Rodents

Harlequins see Clowns

Harmonists

See also Economy, Pa.

Harmonites see Harmonists Harmonium see Reed organ Harmony

See also Counterpoint; Melody; Modulation: Music - Theory

Harmony of the Gospels see Bible - New Testament - Gospels - Harmonies Harmony society see Harmonists Harness

See also Checkreins

Harp

See also Stringed instruments

Harpoons Harpsichord

See also Musical instruments; Piano

Harrowing see Tillage Harvesters see Harvesting machinery Refer from Ball (s); Games; Hand-ball (s)

Refer from Arts and crafts; Crafts (s); Domestic arts; Industrial arts; Manual training; Occupations

Refer from Cities; Commerce; Germany-Commerce; Germany — History; towns (s); Middle ages — History

Refer from Cheerfulness; Contentment; Ethics; Gladness (s); Hedonism; Joy; Pleasure

Refer from Civil engineering; Commerce; Docks; Engineering; Hydraulic engineering; Hydrography; Municipal improvement; Navigation; Ports (8); Transportation

Refer from Matter; Mineralogy

Refer from Building; Iron; Manufactures; Metal work: Metals

Refer from Polygamy; Seraglio (s); Turkey - Social life and customs; Women

Refer from Belgian hares; Coursing; Hare (s); Rabbits; Rodents

Refer from Communism; Harmonites (s); Harmony society (s); Rappists (s); Sects

Refer from Composition (music); Melody; odulation; Music; Music—Theory; Modulation; Thorough bass (s)

Refer from Checkreins; Horse; Leather; Manufactures; Saddlery (s)

Refer from Musical instruments; Stringed instruments

Refer from Fishing; Whaling

Refer from Musical instruments; Piano; Stringed instruments

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Harvesting machinery

See also Farm implements and machinery; Mowing machines

Hasheesh see Hashish

Hashish

See also Hemp: Narcotics

Hastings, Battle of

See also England - History - Normans

See also Emotions

Hats

See also Costume; Headgear; Millinery

Haunted houses see Ghosts Hawking see Falconry

Hay

See also Alfalfa; Clover; Feeding and feeding stuffs; Grasses; Pastures and mead-

Hay boxes see Fireless cookers

Hay fever

See also Catarrh; Respiratory organs -

Hay stoves see Fireless cookers

Hazing

See also Fraternities, College; Student life

See also Anatomy; Baldness; Brain; Ear; Eye; Face; Hair; Headache; Mouth; Nose; Phrenology; Physiognomy; Skull Head-gear see Headgear

Head-hunters

See also Dyaks; Formosa

### Headache

See also Costume; Hats; Helmets; Millinerv Headstones see Tombstones Healing see Therapeutics

Healing, Mental, see Mental healing Health see Hygiene

Health boards

See also Hygiene, Public

Health insurance see Insurance, Health Health resorts

See also Climate; Mineral waters; Sanatoriums; Summer resorts; Winter resorts

Health thoughts see Mental healing Healths, Drinking of, see Drinking customs;

Toasts Hearing

See also Deafness; Ear; Senses and sensation

Heart

See also Auscultation; Blood; Blood vessels; Sphygmograph-

Refer from Binders (s); Farm implements and machinery; Harvesters (s); Reapers (s); Reaping machines (s)

Refer from Bhang (s); Hasheesh (s); Hemp; Narcotics

Refer from England - History - Normans

Refer from Emotions

Refer from Costume; Headgear; Manufactures; Millinery

Refer from Agricultural products; Feeding and feeding stuffs; Grasses; Pastures and meadows

Refer from Autumnal catarrh (s); Catarrh; ever; Medicine — Practice; Respiratory Fever; Medicine — Practice; organs — Diseases

Refer from Colleges and universities; Fraternities, College; Secret societies; Student life

Refer from Anatomy; Brain; Skull

Refer from Dyaks; Ethnology; Formosa; Malays

Refer from Head; Medicine - Practice; Nervous system - Diseases

Refer from Costume; Hats; Head-gear (s); Millinery

Refer from Boards of health (s); Hygiene, Public; Public health boards (s)

Refer from Climate; Hygiene; Invalids; Mineral waters; Resorts (s); Sanatoriums; Spas (s); Summer resorts; Watering places (s); Winter resorts

Refer from Acoustics (s); Audition (s); Deafness; Ear; Perception; Senses and sensation; Sound

Refer from Blood; Blood vessels; Chest; Vascular system

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Heat

See also Animal heat; Boiling points; Calorimeters and calorimetry; Cold; Com-bustion; Earth — Temperature; Expansion ophysics); Fire; Flame; Heating; Liquefaction of gases; Melting points; Physics; Pyrometers and pyrometry; Radiation; Steam; Sun; Temperature; Thermodynamics; Thermometer

Heat engines

See also Air engines; Gas and oil engines; Steam engines; Thermodynamics Heathenism see Paganism

Heating

See also Boilers; Car heating, lighting and ventilation; Chimneys; Electric heating; Fireplaces; Fuel; Furnaces; Heat; Hot water heating; Steam heating; Stoves; Ventilation

### Heatstroke

See also Angels; Future life

Heavens see Astronomy

Hebrew language

See also Semitic languages; Yiddish language

Hebrew literature

See also Bible — Old Testament; Cabala; Hebrew poetry; Jewish literature; Oriental literature; Talmud; Yiddish literature

Hebrew poetry
See also Bible — Old Testament — Poetical books; Hebrew literature

Hebrews see Jews

Hedges

See also Evergreens; Landscape gardening; Shrubs

Hedonism

See also Egoism; Epicureans; Ethics; Happiness; Pleasure; Selfishness; Utilitarianism

Heights see Altitudes Heirs see Inheritance

Helicopters see Flying machines Heliochromy see Color photography Heliogravure see Photogravure

Heliometer

See also Astronomical instruments; Parallax

Heliostat

See also Astronomical instruments

Heliotropism

See also Irritability: Plants - Movements

Heliotype

See also Collotype; Photomechanical processes

Helium

See also Radioactivity

Hell

See also Future life; Future punishment

Refer from Caloric (s); Cold; Combustion; Expansion (physics); Fire; Heating; Meteorology; Physics; Radiation; Steam engines; Temperature; Thermodynamics; Vibration

Refer from Engines; Gas and oil engines; Thermodynamics

Refer from Architecture; Architecture, Domestic; Building; Chimneys; Fire; Fuel; Heat; Home economics; Sanitary engineering; Sanitation, Household; Steam heating; Stoves; Ventilation; Warming (s)

Refer from Medicine — Practice; Sun-stroke (s)

Refer from Death; Eschatology; Future life; Paradise (s); Theology

Refer from Jewish language (s); Jews — Language (s); Semitic languages

Refer from Hebrew poetry; Jewish literature; Jews - Literature (s); Oriental literature

Refer from Hebrew literature

Refer from Evergreens; Fences; Landscape gardening; Shrubs; Trees

Refer from Ethics; Happiness; Philosophy; Pleasure; Selfishness

Refer from Astronomical instruments

Refer from Astronomical instruments

Refer from Irritability; Light; Plants -Movements

Refer from Collotype; Photography; Photomechanical processes

Refer from Chemical elements; Gases; Radioactivity

Refer from Death; Eschatology; Future life; Future punishment; Hades (s); Retribution (s); Theology

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Hellenism

See also Classicism; Neoplatonism

Refer from Classicism; Greek culture (s); Greek civilization (s); Greek literature; Humanism

Refer from Arms and armor; Headgear

Helmets

Helminthology see Parasites; Worms Hematology see Blood Hemiplegia see Paralysis

Hemiptera

See also Chinch bugs; Cicadas; Insects; Plant lice; Scale insects

Hemorrhage

See also Bloodletting

Hemp

See also Cordage; Fibers; Hashish; Jute; Linen; Ramie; Rope Hen see Poultry Hen houses see Poultry houses Hens see Poultry

Heraldic visitations see Visitations, Heraldic

Heraldry

See also Arms and armor; Chivalry; Decorations of honor; Devices; Emblems; Flags; Genealogy; Insignia; Knights and knighthood; Mottoes; Peerage; Precedence; Seals (numismatics); Titles of honor and nobility; Visitations, Heraldic

Herbage see Grasses

Herbs, Medicinal, see Medical botany

Heredity

See also Biology; Breeding; Consanguinity; Defectives; Degeneration; Eugenics; Evolution; Genius; Hybridization; Mendel's law; Natural selection; Physical deterioration; Plant breeding; Prenatal influences; Species; Variation (biology)

Heresy

See also Church history; Inquisition; Liberty of conscience; Martyrs; Persecution

Hermaphroditism

Hermeneutics see Bible — Criticism and interpretation

Hermetic art see Alchemy; Astrology; Occult sciences

Hermits

See also Asceticism

Heroes

See also Adventure; Courage; Discoveries and explorations; Explorers; Martyrs; Missionaries; Mythology; Saints

Heroines see Heroes

Heroism see Courage; Heroes Herpetology see Reptiles

Herrnhuters see Moravians Hertzian waves see Electric waves

Hessian flies

Hessians in the American revolution see U. S.— History — Revolution — German troops Hexateuch see Bible — Old Testament — Hexateuch Refer from Bugs (s); Chinch bugs; Cicadas; Insects; Plant lice; Scale insects

Refer from Bleeding (s); Blood; Pathology; Wounds

Refer from Fibers; Hashish; Linen; Rope; Yarn

Refer from Archaeology; Arms, Coats of (s); Biography; Chivalry; Coats of arms (s); Crests (s); Decorations of honor; Devices; Genealogy; History; Knights and knighthood; Mottoes; Nobility (s); Pedigrees (s); Peerage; Titles of honor and nobility

Refer from Ancestry (s); Atavism (s); Biology; Breeding; Children; Crime and criminals; Degeneration; Descent (s); Environment; Eugenics; Evolution; Inheritance (biology) (s); Man; Natural selection; Parents; Physical deterioration; Physiology; Psychology; Transmission (biology) (s); Variation (biology); Zoology

Refer from Church history; Liberty of conscience; Theology Refer from Biology; Sex

Refer from Asceticism; Biography; Christian biography; Monks (s); Solitude

Refer from Adventure; Biography; Courage; Heroines (s); Heroism (s); History

Refer from Diptera; Flies; Insects, Injurious and beneficial; Wheat

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Hibernation

See also Animals - Habits and behavior Hides and skins

See also Fur; Leather; Tanning

Hieroglyphics

See also Alphabet; Egyptian language; Inscriptions; Picture writing; Rosetta stone

High buildings

See also Elevators; Steel construction

High license see Liquor laws; Liquor traffic High school athletics see School athletics High school fraternities see Fraternities, High school

High schools

See also College entrance requirements; Commencements; Education, Secondary; Fraternities, High school; School athletics High speed see Speed High treason see Treason

Higher criticism see Bible - Criticism and

interpretation

Higher education see Classical education; College education, Value of; Colleges and universities; Professional education; Technical education

Higher thought (new thought) see New thought Highlands of Scotland

See also Clans; Tartans

Highwaymen see Brigands and robbers Highways see Roads; Streets Hindoos see Hindus Hindoostanee language see Hindustani language

Hindu literature

See also Oriental literature; Sanskrit literature; Vedas

Hindu philosophy see Philosophy, Hindu

Hinduism

See also Brahmanism; Buddhism; Caste; India — Religion; Jains; Philosophy, Hindu; Vedanta; Vedas; Yoga

Hindus

See also Aryans

Hindustani language

See also Indo-Aryan languages

Hippodrome see Circus Hippology see Horse

Histochemistry see Physiological chemistry

Histology

See also Anatomy; Botany, Structural; Cells: Microscope and microscopy; also names of organs and tissues, e.g. Muscles Historians

See also Archaeologists; Authors

Historic houses

See also Preservation of landmarks, scenery, etc.; also names of countries and cities, subhead Historic houses, etc.

Refer from Animals - Habits and behavior

Refer from Animal products; Fur; Leather; Skins (s); Tanning

Refer from Alphabet; Egyptian language; Inscriptions; Language; Picture writing; Writing

Refer from Architecture; Sky-scrapers (8); Skyscrapers (s); Steel construction; Tall buildings (s)

Refer from Education; Education, Secondary; Public schools; Schools; Secondary schools (s)

Refer from Clans; Scotland; Scottish highlands (s)

Refer from Oriental literature; Sanskrit literature

Refer from Brahmanism; Buddhism; India - Religion; Religions; Yoga

Refer from Aryans; Ethnology — India; Hindoos (s); India

Refer from Hindoostanee language (s); Indo-Aryan languages

Refer from Anatomy; Cells; Medicine; icroscope and microscopy; Microscopic Microscope and microscopy; Microscopic anatomy (s); Morphology; Pathology; Tissues (s)

Refer from Archaeologists; Authors; Biography; History

Refer from History; Houses, Historic (8); Preservation of landmarks, scenery, etc.

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Historic materialism see Economic determinism Historic trees see Trees, Historic Historical atlases

See also Geography, Historical

Historical dictionaries see History - Diction-

Historical fiction [for works about historical fiction

For historical novels see subhead History - Fiction (or History - [period subdivi-sion] - Fiction) under names of countries, cities, etc., and subhead Fiction under names of historical events and characters

Historical geography see Geography, Historical Historical societies

See also Antiquarian societies

History

See also Anthropogeography; Anthropology; Archaeology; Autobiography; Battles; Biography; Boundaries; Chronology, Historical; Church history; Civilization; Colonies and colonization; Conspiracies; Constitutional history; Crusades; Diplomacy; Disasters; Discoveries and explorations. tions; Ethnology; Famines; Finance; Floods; Genealogy; Geography, Historical; Government; Heraldry; Heroes; Historians; Historic houses; Historical atlases; Historical fiction; Historical societies; Internationcal fiction; Historical societies; International relations; Kings and rulers; Man; Massacres; Medals; Middle ages — History; Migration of nations; Military history; Naval history; Numismatics; Progress; Race problems; Revolutions; Riots; Sieges; Slavery; Sociology; Statistics; Treaties; Trees, Historic; also names of countries, etc., subheads Antiquities, Foreign relations, History, and Politics. For the history of a special subject see its name special subject see its name

-Ancient See also Archaeology; Bible — History; Civilization, Ancient; Classical dictionaries; Geography, Ancient; Inscriptions; Numismatics; Seven wonders of the world; also names of ancient races and peoples, and names of countries of antiquity

Comic, see Comic histories

Constitutional, see Constitutional history

Dictionaries

Essays, addresses, etc.

-Medieval, see Middle ages - History

Military, see Military history

-Modern

See also Eastern question; Eighteenth century; Europe — History — 1492-1789; Europe — History — 1789-; Fifteenth century; Holy alliance; Nineteenth century; Reformation; Renaissance; Seventeenth century; Sixteenth century Twentieth century

Natural, see Natural history

-Naval, see Naval history

Philosophy

See also Civilization; Economic determinism

Refer from Atlases; Geography, Historical;

Refer from Fiction; Fiction, Historical (s): History

Refer from Antiquarian societies; History; Societies

Refer from Annals (s); Archaeology; Biography; Christendom (s); Chronology, Historical; Civilization; Man; Military history; Naval history; Science

Refer from Ancient history (s); Archaeology

Refer from Historical dictionaries (s)

Refer from Eighteenth century; Europe — History — 1492-1789; Europe — History — 1789-; Modern history (s); Nineteenth century; Seventeenth century; Sixteenth century

Refer from Civilization; Philosophy; Philosophy of history (s)

Monding.

History - Continued

-Sources

See also Archives; Charters; Diplomatic memoirs; Genealogy; Manuscripts

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Histrionics see Acting; Theater

Hittites

Hoaxes see Imposture

Hockey

See also Winter sports

Hogs see Swine Hogs see Swine

Hoisting machinery

See also Conveying machinery; Cranes,
derricks, etc.; Electromagnets; Elevators;

Mining machinery; Rope

Holidays

See also Anniversaries; Arbor day; Bird day; Christmas; Fasts and feasts; Festivals; Flag day; Fourth of July; Memorial day; New Year; Patriots' day; Thanksgiving day; Vacations

Holiness see Sanctification

Holy alliance

See also Europe — History — 1789-; Intervention

Holy days see Fasts and feasts Holy eastern church see Greek church Holy Ghost see Holy Spirit Holy grail see Grail Holy office see Inquisition

Holy Roman empire

See also Germany — History; Middle
ages — History

Holy Scriptures see Bible Holy See see Catholic church; Popes Holy sepulcher

See also Jerusalem Holy Spirit See also Trinity

Holy week

See also Christian year; Easter; Fasts and feasts; Good Friday; Lent

Holy wells

See also Shrines

Home

See also Children; Family; Home economics; Marriage; Mothers; Women

Home decoration see House decoration

Home economics

See also Apartment houses; Breakfasts; Carving (meat, etc.); Chemistry, Household; Cleanliness; Cookery; Cooperative house-keeping; Cost of living; Dairying; Diet; Dinners and dining; Domestic arts; Dressmaking; Electricity in the home; Entertaining; Family; Fancy work; Fireless cookers; Food; Fuel; Furniture; Gardening; Guests; Heating; Home; House cleaning; House

Refer from Universal history (s)

Refer from Bible - Ethnology

Refer from Bandy (s); Games; Ice hockey (s); Winter sports

Refer from Conveying machinery; Cranes, derricks, etc.; Elevators; Lifts (s); Machinery; Mining machinery

Refer from Anniversaries; Celebrations (s); Christian year; Christmas; Days; Entertainments; Fasts and feasts; Festivals; Legal holidays (s); Manners and customs; National holidays (s); Vacations

Refer from Alliance, Holy (s); Austria — History; Europe — History — 1789-; History, Modern; International relations; Intervention; Prussia — History; Russia — History; Treaties

Refer from Europe — History; German empire (Western empire) (s); Germany — History; Middle ages — History; Western empire (s)

Refer from Jerusalem; Jesus Christ; Tombs

Refer from God; Holy Ghost (s); Spirit (s); Theology; Trinity

Refer from Christian year; Fasts and feasts; Lent

Refer from Miracles; Shrines; Wells

Refer from Children; Ethics; Family; Home economics; Mothers; Women

Refer from Cookery; Domestic arts; Domestic economy (s); Domestic science (s); Economics; Family; Home; Household economics (s); Household management (s); Household science (s); Housekeeping (s); Industrial arts; Kitchen; Women

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decoration; Household pests; Kitchen; Kitchen garden (for teaching housekeeping); Laundry; Luncheons; Marketing; Menus; Needlework; Receipts; Sanitation, Household; Servants; Standard of living; Sweeping; Table; Ventilation

Home education

See also Children; Correspondence schools and courses; Self-culture

Home labor

See also Sweating system

Home libraries Home missions see Missions, Home Home rule

-Ireland

See also Fenians (society); Ireland -Government

Home training see Children - Management; Home education

Homeopathy

See also Medicine, and references under

that subject

Homes (institutions) see Almshouses; Asylums; Charities; Homes for the aged; also names of cities, subheads Hospitals and asylums and Charities; and special classes of people, e.g. Blind — Asylums and education; Orphans and orphan asylums, Soldiers' homes Homes for the aged

See also Soldiers' homes

## Homestead law

Homicide see Murder Homiletical illustrations see Anecdotes, Religious Homiletics see Preaching; Sermons Homilies see Sermons Homing pigeons see Pigeons Homoeopathy see Homeopathy Honesty

Honey

See also Bees

Honor

See also Business ethics; Dueling

See also Business ethics; Sincerity

Honor system see Self-government (in educa-Honorary degrees see Degrees, Academic Honorary titles see Titles of honor and nobility Hoods, Academic, see Costume, Academic Hookworm disease

Hornbooks Horns

Horology see Clocks and watches; Timekeepers Horoscopes see Astrology

Refer from Children; Children — Educa-tion (s); Domestic education (s); Education; Education, Elementary; Education of children (s); Family; Home training (s); Parents

Refer from Industry; Labor and laboring classes; Sweating system; Women - Employment

Refer from Libraries; Libraries, Home (s)

Refer from Government; Local government; Self-government (s)

Refer from Fenians (society); Ireland -Government

Refer from Homoeopathy (s); Medicine; Pharmacy; Therapeutics

Refer from Aged poor (s); Asylums; Homes (institutions) (s); Old age; Old age homes (s); Old ladies' homes (s); Poor Refer from Land tenure - U. S.; U. S. -Public lands

Refer from Business ethics; Conduct of life; Dishonesty (s); Ethics; Sincerity; Truth

Refer from Bees

Refer from Business ethics; Chivalry; Dueling; Ethics

Refer from Medicine - Practice; Parasites Refer from Literature; Primers
Refer from Antlers (s); Cattle; Cows;
Dehorning of cattle (s); Zoology

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Horse

See also Barns and stables; Checkreins; Domestic animals; Driving; Harness; Horse racing; Horse training; Horsemanship; Horseshoeing; Live stock; Pack transportation; Ungulata; Veterinary medicine

Horse-breaking see Horse training Horse racing

Horse railroads see Street railroads Horse training See also Horsemanship

Horseless carriages see Automobiles Horsemanship

See also Coaches and coaching; Driving; Hunting; Polo

Horses see Horse
Horseshoeing
See also Blacksmithing

Horticulture see Floriculture; Fruit culture; Gardening Hosiery

Hospitality

See also Entertaining; Guests Hospitallers see Malta, Knights of Hospitals

See also Ambulances; Asylums; Charities; Convalescent homes; Dispensaries; First aid in illness and injury; Hospitals, Military; Hospitals, Naval and marine; Inebriate asylums; Insane hospitals; Nurses and nursing; Sanatoriums; also names of cities and countries, subhead Hospitals and asylums

-Military
See also Battlefield relief; Red cross;
also names of wars, subhead Medical and
sanitary affairs

——Naval and marine

Hot-air engines see Air engines Hot springs see Geysers and hot springs Hot water heating

Hotels

See also Apartment houses; Coffeehouses; Inns; Lodging houses; Restaurants Hothouses see Greenhouses

Hottentots

See also Bushmen

Hours of labor

See also Child labor; Daylight saving; Women — Employment; Sweating system

House boats

Refer from Barns and stables; Cavalry; Cavalry drill and tactics; Domestic animals; Driving; Farriery (s); Hippology (s); Horses (s); Live stock; Pacing (s); Pedigrees (s); Race horses (s); Trotting (s); Ungulata; Veterinary medicine

Refer from Book-making (betting) (s); Book-making (betting) (s); Gambling; Horse; Pacing (s); Race horses (s); Racing (s); Sports; Steeplechasing (s); Trotting (s); Turf, The (s)

Refer from Animals — Training; Horse; Horse-breaking (s); Training

Refer from Driving; Equestrianism (s); Horse; Horse training; Locomotion; Riding (s); Sports

Refer from Blacksmithing; Farriery (8); Horse

Refer from Clothing; Costume; Dry goods; Foot; Stockings (8); Textile industry and fabrics; Underwear

Refer from Guests

Refer from Architecture; Asylums; Charities; Charities, Medical; Dispensaries; Hygiene, Public; Infirmaries (s); Institutions, Charitable and philanthropic (s); Medicine; Nurses and nursing

Refer from Battlefield relief; Field hospitals (s); Hospitals; Military art and science; Military hospitals (s)
Refer from Hospitals; Marine hospitals (s); Naval hospitals (s)

Refer from Heating; Steam heating; Water heating (s)

Refer from Architecture; Inns; Lodging houses; Restaurants; Taverns (s)

Refer from Ethnology - Africa

Refer from Child labor; Eight-hour day (s); Factory laws; Factory system; Industrial betterment; Labor and laboring classes; Labor laws; Ten-hour day (s); Working-day (s) Refer from Boats and boating; House-boats (s); Outdoor life

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House cleaning

See also Dust; Sweeping; Vacuum cleaning systems

House decoration

See also Bric-a-brac; Candlesticks; Carpets; Decoration and ornament; Drapery; Fancy work; Fireplaces; Floral decoration; Furniture; Grilles; Lattice; Mantels; Mural painting and decoration; Picture frames; Pictures; Rugs; School decoration; Tapestry; Upholstery; Wall paper; Wood finishing; Woodwork
House drainage see Plumbing; Sanitation,
Household; Sewerage

House flies see Flies

House painting
See also Frescoes; Mural painting and decoration; Painting, Mechanical

House plans see Architectural drawing; Architecture, Domestic House plants see Floriculture; Plants, Cultivated; Window gardening

House rent see Rent

House sanitation see Sanitation, Household

Houseboats see House boats

Household arts see Domestic arts

Household chemistry see Chemistry, House-

Household decoration see House decoration Household economics see Home economics

Household expenses see Cost of living Household management see Home economics

Household pests

See also Flies; Insects, Injurious and beneficial; Mice; Mosquitoes; Rats Household sanitation see Sanitation, Household Household science see Home economics Housekeeping see Cooperative housekeeping; Home economics

Housemaids see Servants

Houses see Architecture, Domestic; House decoration

Houses, Historic, see Historic houses

Housing problem

See also Apartment houses; Cities — Planning and laying out; Garden cities; Industrial betterment; Lodging houses; Sanitation, Household; Tenement houses

Hucksters see Peddlers and peddling Hudson Bay company See also Fur trade

Huguenots

See also Camisards; France — Religious history; Reformation — France; St. Bartholomew's day, Massacre of; Waldenses

Human anatomy see Anatomy Human body see Anatomy; Anthropometry; Physiology

Refer from Cleaning; Dust; Home economics; Sanitation, Household

Refer from Architecture, Domestic; Art; Carpets; Decoration and ornament; Furniture; Home decoration (s); Home economics; Household decoration (s); Houses (s); Interior decoration (s); Rugs; Upholstery

Refer from Architecture; Architecture, Domestic; Building; Mural painting and decoration; Painting, Mechanical

Refer from Home economics; Insects, Injurious and beneficial; Pests (s)

Refer from Architecture, Domestic; Cities; Refer from Architecture, Domestic; Cities; Cities — Planning and laying out; Dwellings (s); Habitations, Human (s); Hygiene, Public; Industrial betterment; Labor and laboring classes; Laborer's dwellings (s); Municipal improvement; Poor; Social problems; Tenement houses; Workingmen's dwellings (s) lings (s)

Refer from Canada — Commerce; Fur trade; Trading companies

Refer from Camisards; Church history; France — History — House of Valois; France — Religious history; Persecution; Reforma-tion — France; St. Bartholomew's day, Massacre of; Sects; Waldenses

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Human faculties see Psychology

Human figure in art see Anatomy, Artistic; Figure drawing; Figure painting; Nude in art

Human race see Anthropology; Man

Human sacrifice see Sacrifice

Humane societies

See also Animals - Treatment; Charitable societies; Children - Charities, protection, etc.

Humanism

See also Classical education; Hellenism; Renaissance

Humanitarianism (theology) see Unitarianism; Christ — Divinity: also Arianism; Jesus Socinianism; Trinity

Humanities see Classical education

Humbug see Imposture; Swindlers and swindling

Humidity

See also Dampness in buildings; Dew; Hygrometry; Meteorology

Humor

See also Anecdotes; Burlesques; Caricature and cartoons; Comedy; Comic histories; Epigrams; Fools; Humorists; Irony; Laughter; Limericks; Macaronic verse; Nonsense verse; Parodies; Punning; Recitations and readings, Humorous; Satire; Table-talk

-American

See also American literature; Satire, American

**English** 

See also English literature; Satire, English

Humorists

See also Authors

Humorous recitations see Recitations and readings, Humorous

Hundred years' war, 1339-1453
See also Agincourt, Battle of; England — History — Plantagenets; England — History Lancaster and York; France — History — House of Valois

Hungarian language

See also Ural-Altaic languages

### Hungarian literature

Hungarians in the U.S.

Huns

See also Barbarian invasions of Rome

Hunting

See also Bears; Coursing; Deer; Dogs; Elephants; Falconry; Fishing; Foxes; Game; Game birds; Game laws; Game protection; Guns; Lions; Poaching; Shooting; Sports; Tigers; Tracking; Trapping

Hurricanes

See also Cyclones; Storms

Husband and wife see Domestic relations; Husbands; Marriage; Wives Husbandry see Agriculture

Refer from Animals - Treatment; Charitable societies; Children - Charities, protection, etc.; Societies

Refer from Classical education: Culture. Literature; Philosophy; Renaissance

Refer from Air; Dew; Hygiene; Meteorology; Moisture of the air (s)

Refer from Anecdotes; Caricature and cartoons; Comic literature (s); Facetiæ (s); Jests (s); Jokes (s); Laughter; Literature; Poetry; Punning; Satire; Wit and humor (s)

Refer from American humor (s); American literature; American wit and humor (s)

Refer from English humor (s); English literature; English wit and humor (s)

Refer from Authors; Biography; Humor

Refer from Agincourt, Battle of; England -History — Plantagenets; England — History — Lancaster and York; France — History — House of Valois

Refer from Magyar language (s); Ural-Altaic languages

Refer from Magyar literature (s)

Refer from U. S .- Foreign population

Refer from Barbarian invasions of Rome

Refer from Adventure; Animals; Big game (s); Chase, The (s); Country life; Field sports (s); Game; Gunning (s); Horsemanship; Outdoor life; Shooting; Sports; Trapping

Refer from Cyclones; Meteorology; Storms; Winds

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Husbands

See also Domestic relations; Family; Fathers; Marriage; Wives

Hussites

Hybridism see Hybridization

Hybridization

See also Mendel's law; Plant breeding

Hydraulic cement see Cement

Hydraulic engineering

See also Aqueducts; Artesian wells; Boring; Breakwaters; Bridges — Foundations and piers; Caissons; Canals; Cofferdams; Culverts; Dams; Docks; Drainage; Dredging; Embankments; Engineering; Floods; Fluids; Fountains; Harbors; Hydraulic machinery; Hydraulic mining; Hydraulic Hydra draulics; Hydrodynamics; Hydro-electric plants; Irrigation; Jetties; Lighthouses; Mining engineering; Pumping stations; Pumps; Reclamation of land; Reservoirs; Rivers; Sea walls; Turbines; Water; Water power; Water supply; Water wheels; Wells; Wharves

Hydraulic machinery

See also Hydraulic engineering; Hydraulic motors; Hydraulic rams; Pumps; Turbines; Water wheels

Hydraulic mining

See also Gold dredging; Gold mines and mining; Mines and mineral resources

Hydraulic motors

See also Hydraulic machinery; Turbines; Water wheels

Hydraulic power see Hydraulic machinery; Hydro-electric plants; Water power

Hydraulic rams

See also Hydraulic machinery

See also Fluids; Hydraulic engineering; Hydraulic machinery; Hydrodynamics; Hydrometer; Hydrostatics; Jets; Liquids; Mechanics; Physics; Rivers; Water; Water power

Hydrodynamics

See also Hydraulic engineering; Hydraulics; Hydrostatics; Jets; Mechanics; Viscosity; Waves

Hydro-electric plants

See also Electric power transmission

Hydrography

See also Charts; Harbors; Inland navigation; Navigation; Ocean; Ocean currents; Rivers; Sounding and soundings; Tides

Hydrokinetics see Hydrodynamics

Refer from Domestic relations; Family; Husband and wife (s); Marriage; Men; Wives

Refer from Reformation; Sects

Refer from Biology; Botany; Breeding; Heredity; Hybridism (s); Mendel's law; Plant breeding; Species

Refer from Canals; Civil engineering; Dams; Engineering; Engineering, Hydraulic (s); Engineering; Engineering, Hydraulic (s); Fluids; Hydraulic machinery; Hydraulics; Hydrodynamics; Machinery; Mechanical en-gineering; Rivers; Water; Water power; Water supply

Refer from Hydraulic engineering; Hydraulic motors; Hydraulic power (s); Hydraulic rams; Hydraulics; Machinery; Water power

Refer from Gold mines and mining; Hydraulic engineering; Mines and mineral resources; Mining engineering; Placer mining (s)

Refer from Hydraulic machinery; Motore; Turbines; Water power; Water wheels

Refer from Hydraulic machinery; Rams, Hydraulic (s)

Refer from Flow of water (s); Fluids; Hydraulic engineering; Hydrodynamics; Hydromechanics (s); Hydrostatics; Jets; Mechanics; Physics; Rivers; Water; Water flow (s)

Refer from Dynamics; Fluids; Hydraulic engineering; Hydraulics; Hydrokinetics (s); Hydromechanics (s); Jets; Liquids; Mechanics; Viscosity

Refer from Electric engineering; Electric power transmission; Flumes; Hydraulic en-gineering; Hydraulic power (s); Power plants; Power plants, Electric; Water power; Waterpower electric plants (s)

Refer from Marine surveying (s); Maritime surveying (s); Nautical surveying (s); Navigation; Ocean; Oceanography (s); Physical geography; Rivers; Surveying; Thalassography (s)

Hydrology see Water; Water, Underground Hydromechanics see Hydraulics; Hydrodynamics

## Hydrometer

Hydropathy see Hydrotherapy Hydrophobia See also Dogs; Pasteurism

Hydrostatics

See also Capillarity; Compressibility; Fluids; Hydraulics; Hydrometer; Mechanics; Physics; Specific gravity; Water Hydrotherapy

See also Baths and bathing; Mineral waters

Hygiene

See also Air pollution; Alcohol — Physiological effects; Baths and bathing; Beauty, Personal; Bible — Medicine, hygiene, etc.; Children — Care and hygiene; Cleanliness; Climate; Clothing; Diet; Disinfection and disinfectants; Dress reform; Dust; Exercise; Fatigue; Food; Food adulteration and inspection; Gymnastics; Health resorts; Humidity; Hygiene, Public; Invalids; Longevity; Medical inspection of schools; Medicine; Mental hygiene; Military hygiene; Mind and body; Narcotic habit; Narcotics; Naval hygiene; Nurses and nursing; Occupations — Diseases and hygiene; Open-air schools; Overwork; Pathology; Physical education; Physiology; Rest; Sanitation; School hygiene; Sleep; Stimulants; Temperance; Therapeutics; Tobacco — Physiological effects; Training; Tropics — Diseases and hygiene; Vacations; Ventilation; Voice; Water pollution; Women — Hygiene; Work

—Domestic, see Sanitation, Household —Industrial, see Occupations — Diseases

and hygiene

—Mental, see Mental hygiene —Military, see Military hygiene —Naval, see Naval hygiene

-Public

See also Adulterations; Building laws; Burial; Cemeteries; Consumers' leagues; Contagion and contagious diseases; Cremation; Disinfection and disinfectants; Epidemics; Food adulteration and inspection; Health boards; Hospitals; Housing problem; Immunity; Inoculation; Insects as carriers of contagion; Malaria; Meat inspection; Medical inspection of schools; Military hygiene; Milk supply; Nuisances; Occupations — Diseases and hygiene; Public comfort stations; Quarantine; Refuse and refuse disposal; Sanitary engineering; Sanitation; School hygiene; Sewage; Slaughtering and slaughterhouses; Street cleaning; Tenement houses; Vaccination; Water pollution; Water supply; also names of countries and states, subhead Sanitary affairs, and names of

Refer from Areometer (s); Hydraulics; Hydrostatics; Specific gravity

Refer from Dogs; Medicine — Practice; Rabies (s)

Refer from Capillarity; Fluids; Hydraulics; Hydrodynamics; Liquids; Mechanics; Physics; Statics; Water

Refer from Baths and bathing; Hydropathy (s); Kneipp cure (s); Therapeutics; Water cure (s)

Refer from Biology; Food; Health (s); Life; Man; Medicine; Pathology; Physiology; Sanitary science (s); Sanitation; Women — Hygiene

Refer from Health boards; Hygiene; Medicine; Municipal improvement; Public health (8); Quarantine; Sanitary affairs (8); Sanitary engineering; Sanitation; Social problems

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Hygiene - Continued

cities, subheads Sanitary affairs and Sewerage

Tropical, see Tropics — Diseases and hygiene

Hygiene of employment see Occupations -Diseases and hygiene

Hygrometry

Hymenoptera

See also Ants; Bees; Insects; Wasps Hymnology see Hymns Hymns

See also Church music; Religious poetry

Hyperspace see Fourth dimension Hypnotism

See also Animal magnetism; Mental healing; Mind and body; Psychical research; Somnambulism; Subconsciousness; Suggestion; Suggestive therapeutics

Hypsometry see Altitudes Hysteria

See also Mental diseases; Nervous system - Diseases

Ice

See also Arctic regions; Glaciers; Ice boats; Ice-breaking vessels; Icebergs; Refrigeration and refrigerating machinery; Skating; Water
— Manufacture

See also Refrigeration and refrigerating machinery

Ice age see Glacial period Ice boats See also Winter sports

# Ice-breaking vessels

Ice cream see Ices Ice hockey see Hockey Ice machinery see Ice - Manufacture; Refrigeration and refrigerating machinery Ice making see Ice — Manufacture Ice sports see Winter sports Ice yachts see Ice boats **Icebergs** See also Arctic regions; Physical geography

Icebreaking vessels see Ice-breaking vessels Icelandic language

See also Scandinavian languages

Icelandic literature

See also Eddas; Sagas; Scandinavian literature Ices

Refer from Air; Humidity; Meteorology; Psychrometer (s)

Refer from Ants; Bees; Insects; Wasps

Refer from Anthems; Chants; Church music; Devotional exercises; Hymnology (s); Litera-ture; Liturgies; Lyric poetry; Music; Poetry; Psalmody (s); Religion; Religious poetry; Rites and ceremonies; Sacred poetry (s); Songs; Worship

Refer from Animal magnetism; Braidism (s); Clairvoyance; Mental healing; Mental sug-gestion (s); Mesmerism (s); Mind and body; Mind reading; Psychical research; Psychology; Sleep; Somnambulism; Subconsciousness; Suggestion; Suggestive therapeutics

Refer from Medicine - Practice; Mental diseases; Nervous system — Diseases; Psychical research; Psychology; Women - Diseases

Refer from Freezing (s); Frost; Glaciers; Meteorology; Physical geography; Refrigeration and refrigerating machinery; Snow; Water

Refer from Artificial ice (s); Ice machin-ery (s); Ice making (s); Refrigeration and refrigerating machinery

Refer from Boats and boating; Ice; Ice yachts (s); Sports; Winter sports Refer from Ice; Icebreaking vessels (s); Ships

Rèfer from Arctic regions; Glaciers; Ice; Ocean; Physical geography

Refer from Germanic languages; Scandinavian languages

Refer from Eddas; Norse literature (s); Sagas; Scandinavian literature Refer from Confectionery; Desserts; Ice cream (s)

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Ichnology see Footprints, Fossil

Ichthyology see Fish

Iconography see Art; Christian art and symbolism; Portraits; Saints in art; Sculpture; Statues

Ideal states see Utopias

**Idealism** 

See also Ideals; Realism; Transcendentalism

Idealism in art

See also Naturalism in art; Realism in in art; Romanticism

Idealism in literature

See also Naturalism in literature; Realism in literature; Romanticism; Symbolism in literature

Ideals

See also Idealism

Ideas, Association of, see Association of ideas Identification

See also Anthropometry; Bertillon system; Crime and criminals; Evidence; Finger prints

Identity, Personal, see Personality

Idiocy
See also Children, Abnormal and backward; Defectives; Epilepsy; Feeble-minded; Insanity

Idioms

See also Idioms, English; also names of languages other than English, e.g. German language — Idioms
—English

See also Americanisms; Briticisms

Idiots see Idiocy Idleness

Ido Idolatry

See also Fetishism; Paganism; Superstition; Worship

Igneous rocks

See also Dikes (geology); Granite; Lava; Rocks

Ignorance see Illiteracy
Illegitimacy
See also Infanticide

Illiteracy

See also Education and citizenship; Education and crime

Illuminating gas see Gas
Illumination see Lighting
Illumination of manuscripts and books
See also Arts and crafts; Initials; Letter

See also Arts and crafts; Initials; Lettering; Missals; Paleography

Refer from Animism; Ideals; Philosophy; Realism

Refer from Art; Esthetics; Naturalism in art; Painting; Realism in art

Refer from Esthetics; Fiction; Literature; Naturalism in literature; Realism in literature

Refer from Aspiration (8); Character; Ethics; Idealism

Refer from Anthropometry; Bertillon system; Crime and criminals; Evidence; Finger prints; Medical jurisprudence

Refer from Brain; Children, Abnormal and backward; Consanguinity; Defectives; Feebleminded; Fools; Idiots (s); Imbecility (s); Insanity; Medicine — Practice; Mental diseases

Refer from Language

Refer from English idioms (s); English language; English language — Idioms (s); Idioms

Refer from Conduct of life; Indolence (s); Laziness (s); Sloth (s) Refer from Language, Artificial

Refer from Fetishism; God; Image worship (s); Paganism; Religion; Religions; Worship

Refer from Dikes (geology); Eruptive rocks (s); Geology; Lava; Rocks; Volcanic rocks (s); Volcanoes

Refer from Children; Infanticide; Marriage; Prostitution; Sexual ethics

Refer from Compulsory education; Education; Education and citizenship; Education and crime; Ignorance (s); Immigration and emigration

Refer from Arts and crafts; Books; Decoration and ornament; Illustration of books; Initials; Lettering; Manuscripts; Ornamental alphabets (s); Painting; Paleography

Illusions and hallucinations

See also Apparitions; Conjuring; Ghosts; Insanity; Magic; Mental diseases; Optical illusions; Psychical research

Illustration of books

See also Caricature and cartoons; Drawing; Engraving; Extra illustration; Illumination of manuscripts and books; Illustrators; Photo-engraving; Photomechanical processes

Illustrations (anecdotes) see Anecdotes

Illustrators

Image worship see Idolatry

Imaginary animals see Animal lore; Animals, Mythical Imaginary islands see Geographical myths

Imaginary wars and battles

**Imagination** 

See also Psychology

Imbecility see Feeble-minded; Idiocy Imitation

See also Mimicry

Immaculate conception

See also Mary, Virgin Immersion, Baptismal, see Baptism Immigrants see Immigration and emigration Immigration and emigration

See also Aliens; Anthropogeography; Colonies and colonization; Illiteracy; Migration of nations; Naturalization; names of special nationalities, e.g. Italians in the U. S., Japanese in California; and names of countries and cities, subhead Foreign population U. S.

See also Indentured servants; Race problems — U. S.; Redemptioners; U. S. — Foreign population; also Japanese in the U. S., and similar headings

Immoral literature see Literature, Immoral Immorality see Crime and criminals; Ethics; Vice

Immortality see Future life

**Immunity** 

See also Antitoxins; Contagion and contagious diseases; Inoculation; Serum therapy; Vaccination

Impeachment

See also Political offenses; Recall Imperial federation

See also England — Colonies; Imperialism

Imperialism

See also Colonies and colonization; Imperial federation; U. S. — Insular possessions

Refer from Apparitions; Delusions (s); Ghosts; Hallucinations (s); Insanity; Mental diseases; Psychical research; Psychology; Visions (s)

Refer from Art; Book illustration (s); Books; Decoration and ornament; Drawing; Engrav-

Refer from Artists; Illustration of books

Refer from Battles; Military art and science; War; Wars, Imaginary (s)

Refer from Fancy (s); Intellect; Psychology; Psychology, Educational

Refer from Mimicry; Psychology; Psychology, Educational

Refer from Catholic church; Mary, Virgin

Refer from Colonies and colonization; Emigration (s); Government; Immigrants (s); Labor and laboring classes; Migration of nations; Race problems; Social problems; Sociology

Refer from Race problems — U. S.; U. S. — Economic conditions; U. S. — Emigration and immigration (s); U. S. — Immigration (s); U. S. - Social conditions

Refer from Antitoxins; Bacteriology; Contagion and contagious diseases; Hygiene, Public; Inoculation; Pathology; Serum therapy; Vaccination

Refer from Government; Law; Trials

Refer from England — Colonies; Federation, Imperial (s); Government; Imperialism

Refer from Anti-imperialism (s); Caesarism (s); Colonies and colonization; Government; Imperial federation; U. S. — Expansion (s); U. S. — History — War with Spain; U. S. — Insular possessions; U. S. — Territorial expansion (s)

Impersonation see Acting; Monologues

A three or

Implements, utensils, etc.

See also Bone implements; Farm implements and machinery; Indians—Implements and weapons; Stone implements; Tools

Imports see Commerce; Tariff

Imposture

See also Antiques, Forged; Art forgeries; Counterfeits; Forgery; Fraud; Literary forgeries and mystifications; Quacks and quackery; Swindlers and swindling

Impressionism (art)

Impressment

Imprisonment see Arrest: Prisons Inaugurations

Incandescent gas-lighting See also Gas lighting

Incandescent lamps see Electric lamps Incandescent lighting see Electric lighting; Incandescent gas-lighting
Incandescent mantles see Incandescent gaslighting

Incarnation

See also Jesus Christ

Incas

See also Indians of South America -Peru; Peru - Antiquities; Peru - History

Incense Income

See also Capital; Finance; Salaries; Wages; Wealth Income tax

See also Taxation; Taxation, Progressive

Increment, Unearned, see Unearned increment Incrustation see Inlay

Incubators

See also Poultry Incubus see Nightmare Incumbrances see Liens; Mortgages Incunabula

See also Block books; Book rarities; Colophons; Printers' marks; Printing - History Indemnity

See also Damages

Indentured servants

See also Apprentices; Contract labor; Redemptioners

Independence day see Fourth of July Independent order of Odd Fellows see Odd Fellows Independents (church polity) see Congrega-

Independents (in politics)

tionalism

Refer from Industrial arts; Tools; Utensils (s)

Refer from Adventurers (s); Counterfeits; Delusions (s); Fraud; Hoaxes (s); Humbug (s); Quacks and quackery

Refer from Art; Esthetics; Painting Refer from International law; Kidnapping; Maritime law; Naval history; Sailors

Refer from Presidents - U. S.; Rites and ceremonies

Refer from Gas; Gas lighting; Gas mantles (s); Incandescent lighting (s); Incandescent mantles (s); Lighting

Refer from Jesus Christ; Jesus Christ — Birth; Jesus Christ — Incarnation (s); Theology

Refer from Ethnology — Peru; Indians of South America — Peru; Peru — Antiquities; Peru — History

Refer from Odors; Perfumery; Worship

Refer from Economics; Finance; Fortunes (s); Property; Salaries; Wages; Wealth

Refer from Direct taxation (s); Taxation; Taxation, Progressive

Refer from Poultry

Refer from Bibliography; Book rarities; Printing

Refer from Compensation (s); Damages; International law

Refer from Bond servants (8); Contract labor; Immigration and emigration — U. S.; Redemptioners; Servants; Slavery; U. S. -History — Colonial period

Refer from Political parties: Politics

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Indeterminate sentence

See also Parole; Prisons; Probation system

Indeterminism see Freedom of the will Indexes

See also Card system in business; Catalogs; Indexing; Periodicals - Indexes; also subjects indexed

Indexing

See also Cataloging India-rubber see Rubber

Indian clubs

See also Gymnastics

Indian corn see Corn

Indian legends see Indians - Folklore; Indians — Legends

Indian mutiny, 1857-1858

Indian reservations see Indians - Reservations

Indian trails

See also Oregon trail; Portages; Salt Lake trail; Santa Fé trail

Indian tribes see names of separate tribes

Indian tribes see names of separate tribes
Indians wars see Indians — Wars
Indians [Indians of America, North America
and the U. S. in general]
See also Cliff dwellers and cliff dwellings;
Eskimos; Mounds and mound builders;
Pueblos; Scalping; Shell money; Wampum;
Western states; also names of families and
tribes of Indians, e.g. Algonomian Indians tribes of Indians, e.g. Algonquian Indians, Apache Indians, Iroquois Indians, Pueblo Indians

-Amusements, see Indians — Games

-Anecdotes -Antiquities

See also Arrowheads; Indians — Implements and weapons; Indians — Pottery; Kitchen middens; Mounds and mound builders; Pueblos; U. S. - Antiquities

Art

-Biography

Burial, see Indians — Mortuary customs

-Captivities

-Civilization

-Customs, see Indians — Social life and

customs

See also Ghost dance; Snake dance; Sun dance

-Education

See also Indians - Government relations; also names of schools for the Indians

-Ethnology

See also Indians - Origin

-Fiction -Folklore

See also Indians — Legends

Refer from Crime and criminals; Criminal law; Prisons; Punishment; Sentence, Indeterminate (s)

Refer from Bibliography; Catalogs; Indices (s); Literature

Refer from Bibliography; Cataloging; In-

Refer from Gymnastics; Physical education

Refer from India - History; Sepoy rebellion (s)

Refer from Indians - Trails (s); Portages; Roads; Roads - U. S.; Trails (s)

Refer from American aborigines (s); American Indians (s); Amerinds (s); Ethnology; Ethnology—U. S.; North American Indians (s); Race problems—U. S.; Savages; U. S.—Indians (s); Western states

Refer from Anecdotes

Refer from Archaeology; Arrowheads; Indians - Industries; Mounds and mound builders; U. S. — Antiquities

Refer from Art; Art, Primitive Refer from Biography

Refer from Captivity among the Indians (s); Frontier and pioneer life

Refer from Dancing; Ghost dance; Indians - Religion; Indians - Social life and customs; Snake dance; Sun dance

Refer from Education; Indians - Missions; Indians - Schools (s)

Refer from Ethnology - U. S.; Indians -Origin

Refer from Folklore — Indians (s); Indian legends (s); Indians — Legends; Indians — Mythology (s)



## Indians - Continued -Games

Government relations

See also Indians - Land transfers: Indians — Reservations; Indians — Treaties; Indians - Treatment

History

See also Indians - Wars Implements and weapons

See also Bone implements; Stone implements

-Industries

See also Basketwork; Beadwork; Blankets; Indians — Antiquities; Indians — Implements and weapons; Indians -Potterv

Land transfers

See also Indians - Government relations; Indians - Treaties

Languages

See also Algonquian languages; Chinook jargon; Eskimo language; Indians -Names

Legends

See also Indians - Folklore

-Manners and customs, see Indians – Social life and customs

-Medicine

See also Medicine men

Missions

See also Indians - Education; Jesuits Missions

-Mortuary customs

### -Music

-Mythology, see Indians — Folklore; Indians — Legends; Indians — Religion

-Names

-Origin

See also Indians - Ethnology

Pottery -

-Religion

See also Fetishism; Flute ceremonies; Indians - Dances; Indians - Missions; Serpent worship; Totems and totemism

-Reservations

-Schools, see Indians - Education; also names of schools

Social life and customs

See also Indians - Dances; Indians-Games; Indians - Mortuary customs

Refer from Games; Indians - Amusements (s); Indians — Social life and customs; Indians — Sports (s)

Refer from Indians - Education; Indians -Land transfers; Indians - Treaties; Indians - Treatment

Refer from Arms and armor; Bone implements; Implements, utensils, etc.; Indians—Antiquities; Indians—Industries; Indians—Weapons (s); Stone implements; Tools; Weapons (s)

Refer from Basketwork; Beadwork; Blankets; Industrial arts; Industries, Primitive

Refer from Indians - Government relations; Indians - Treaties; U. S. - Public lands

Refer from Algonquian languages; Language

Refer from Indian legends (s); Indians — Folklore; Indians — Mythology (s); Legends

Refer from Medicine; Medicine men

Refer from Catholic church — Missions; Indians — Religion; Jesuits — Missions: Mis-- Religion; Jesuits — Missions; Missions; Missions, Home

Refer from Funeral rites and ceremonies; Indians — Burial (s); Indians — Social life and customs; Mortuary customs (s) Refer from Indians — Songs (s); Music; Music — Indians (s); Music — U. S.; Songs,

American

Refer from Indians - Languages; Names; Names, Geographical; Names, Personal

Refer from Indians — Ethnology Refer from Indians - Antiquities; Indians - Industries; Pottery

Refer from Indians — Mythology (s); Mythology — Indians (s); Religions; Rites and ceremonies

Refer from Indian reservations (s); Indians Government relations; Reservations for the Indians (s); U. S. - Public lands

Refer from Indians - Customs (s); Indians - Manners and customs (s)

Indians - Continued

- ---Songs, see Indians Music
- ——Sports, see Indians Games ——Statistics
- ---Trails, see Indian trails

---Treaties

See also Indians — Government relations; Indians — Land transfers

---Treatment

See also Indians — Government relations

-Wars

See also Black Hawk war; French and Indian war; King Philip's war; King William's war; Pequot war; Pontiac's conspiracy; Queen Anne's war; U. S.—History — Revolution — Indian participation

Indians of Mexico

See also Aztecs; Ethnology — Mexico; Mayas; Nagualism; Toltecs

Indians of New York

Indians of South America
Indiarubber see Rubber
Indic languages see Indo-Aryan languages
Indicators for steam engines

See also Steam engines
Indices see Indexes
Indigestion see Digestion; Dyspepsia
Indigo

See also Iroquois Indians

Individualism

See also Communism; Economics; Socialism

Individuality

See also Personality

Indo-Aryan languages

See also Aryan languages; Bengali language; Hindustani language; Oriental languages; Romany language; Sanskrit language

Indo-European languages see Aryan languages Indo-Europeans see Aryans

Indo-Germanic languages see Aryan languages
Indo-Germanic peoples see Aryans

Indolence see Idleness

Inductance

Induction (logic) see Logic

Induction coils

See also Condensers (electricity); Electric currents, Alternating; Electric transformers; Electromagnets; Inductance; X rays Induction motors see Electric motors

Indulgences

See also Absolution; Purgatory

Industrial alcohol see Alcohol, Denatured Industrial arbitration see Arbitration and conciliation, Industrial Refer from Indians — Government relations; Indians — Land transfers

Refer from Indians — Government relations

Refer from Black Hawk war; French and Indian war; Indian wars (s); King Philip's war; King William's war; New England — History; Pequot war; Pontiac's conspiracy; Queen Anne's war; U. S. — History; U. S. — History, Military

Refer from Aztecs; Ethnology — Mexico; Mayas; Toltecs

Refer from Iroquois Indians

Refer from Steam engines

Refer from Agricultural products; Color; Dyes and dyeing

Refer from Communism; Economics; Equality; Government; Socialism; Sociology

Refer from Character; Personality; Philosophy; Psychology

Refer from Aryan languages; Bengali language; Hindustani language; Indic languages (s); Oriental languages; Sanskrit language

Refer from Electric measurement; Electricity; Electrodynamics; Induction coils; Self-induction (s)

Refer from Electric apparatus and appliances; Electric transformers; Electricity; Electromagnets

Refer from Absolution; Catholic church; Church polity; Purgatory

Industrial arts

See also Agriculture; Architecture; Arts and crafts; Blacksmithing; Bookbinding; Brewing; Building; Business; Cabinet work; Canning and preserving; Carpentry; Chair caning; Chemical engineering; Chemistry, Technical; Clay industries; Commerce; Cookery; Domestic arts; Dyes and dyeing; Electric engineering; Engineering; Engraving; Exhibitions; Factories; Fisheries; Floriculture; Foundry work; Furniture; Gardening; Glass manufacture; Handicraft; Home economics; Implements, utensils, etc.; Indians — Industries; Industrial education; Industries, Primitive; Industry; Inventions; Machine shop practice; Machinery; Manual training; Manufactures; Masonry; Mechanical engineering; Mechanics, Applied; Metal work; Metallurgy; Mills and millwork; Occupations, Dangerous; Painting, Mechanical; Patents; Photography; Plumbing; Pottery; Printing; Receipts; Shipbuilding; Tanning; Technical dictionaries; Technical education; Technology; Textile industry and fabrics; Tinsmithing; Tools; Turning; Waste products; Weaving; Woodwork; also names of countries, subhead Industries and resources, and names of cities, subhead Industries

Industrial betterment

See also Garden cities; Hours of labor; Housing problem; Industrial education; Insurance, Industrial; Labor laws; Profit sharing; Scientific management

Industrial chemistry see Chemical engineering;
Chemistry, Technical
Industrial combination see Combination, Industrial
Industrial conciliation see Arbitration and conciliation, Industrial
Industrial depression see Business depression
Industrial diseases see Occupations — Diseases and hygiene
Industrial drawing see Mechanical drawing

# Industrial education

dustries

See also Apprentices; Foremen's schools; Manual training; Mechanics' institutes; Technical education; Trade schools; Vocational education

Industrial efficiency see Efficiency, Industrial Industrial exhibitions see Exhibitions
Industrial hygiene see Occupations — Diseases and hygiene
Industrial insurance see Insurance, Industrial Industrial schools see Industrial education;
Reformatories
Industries see Industrial arts; Industries,
Primitive; Industry; also names of coun-

tries and states, subhead Industries and resources, and names of cities, subhead InRefer from Art; Art industries (8); Arts, Useful (8); Arts and crafts; Chemistry, Technical; Crafts (8); Discoveries (in science) (8); Engineering; Handicraft; Industries (8); Industry; Inventions; Manufactures; Mechanic arts (8); Science; Technology; Trades (8); Useful arts (8)

Refer from Betterment, Industrial (s); Employees' welfare (s); Employers' welfare institutions (s); Housing problem; Labor and capital; Labor and laboring classes; Profit sharing; Social work; Welfare institutions for laborers (s)

Refer from Education; Education, Elementary; Education, Industrial (s); Industrial arts; Industrial betterment; Industrial schools (s); Labor and laboring classes; Manual training; Technical education; Trade schools; Vocational education

Industries, Primitive

See also Archaeology; Civilization, Ancient; Indians — Industries; Pottery; Society, Primitive; Stone implements

Industry

See also Economics; Efficiency, Industrial; Factory system; Government regulation of industry; Home labor; Industrial arts; Labor and laboring classes; Machinery in industry

Inebriate asylums

See also Gold cure

Inebriates see Alcoholism; Inebriate asylums; Liquor problem; Temperance

Infallibility

See also Catholic church — Authority; Popes — Infallibility; Vatican council Infancy see Infants Infant baptism see Baptism — Infants

Infant baptism see Baptism — Infants
Infant feeding see Infants — Care and hygiene
Infant salvation

See also Baptism — Infants; Predestination

Infanticide

See also Illegitimacy

Infantry

See also Infantry drill and tactics; Military art and science; also under country, e.g. U. S.— Army — Infantry. For volunteer regiments in the U. S. see under name of state, e.g. New York infantry; also United States volunteer infantry, for volunteer regiments recruited at large

Infantry drill and tactics

See also Rifle practice; Tactics; Target practice

Infants

See also Children

——Care and hygiene

See also Children - Care and hygiene

— Diseases, see Children — Diseases Infection and infectious diseases see Contagion and contagious diseases Infidelity see Skepticism Infinite

See also Being; Metaphysics

Infinitesimal calculus see Calculus Infirmaries see Hospitals Inflammation

See also Fever; Suppuration

Influenza

See also Cold (disease); Respiratory organs — Diseases

Infusoria

See also Protozoa

Refer from Archaeology; Civilization, Ancient; Ethnology; Industrial arts; Industries (s); Man — Origin and antiquity; Primitive industries (s); Society, Primitive; Stone implements

Refer from Civilization; Consumption (economics); Economics; Industrial arts; Industries (s); Labor and capital; Labor and laboring classes; Production (s); Sociology

Refer from Alcoholism; Asylums; Charities, Medical; Drunkenness (s); Hospitals; Inebriates (s)

Refer from Catholic church; Theology; Vatican council

Refer from Baptism - Infants; Salvation

Refer from Crime and criminals; Illegitimacy; Medical jurisprudence; Murder; Women — Crime

Refer from Foot-soldiers (s); Military art and science

Refer from Drill (military); Infantry; Military art and science; Tactics

Refer from Babies (s); Baby (s); Children; Infancy (s)

Refer from Children — Care and hygiene; Infant feeding (s)

Refer from Finite (s); Metaphysics; Philosophy

Refer from Pathology: Suppuration

Refer from Cold (disease); Grippe (s); La grippe (s); Medicine — Practice; Respiratory organs — Diseases

Refer from Animalcules; Protozoa

Inheritance

See also Administrators and executors; Entail; Estates, Unclaimed; Guardians; Inheritance and transfer tax: Land tenure: Legacies; Primogeniture; Probate law and practice; Salic law; Survivorship; Trustees; Wills

See also Taxation; Taxation, Progressive

See also Artists' marks; Illumination of

manuscripts and books; Lettering; Mono-

Inheritance (biology) see Heredity Inheritance and transfer tax one Jayatian Suberitance

Probate law

cession (s); Wills

Refer from Death duties (s); Inheritance; egacies; Taxation; Taxation, Progressive; Transfer tax (s)

Refer from Bequests (s); Heirs (s); Intestate

and practice; Property; Suc-

succession (s); Law; Legacies; Primogeniture:

Refer from Habit; Mind and body; Nervous system; Psychology, Physiological

Refer from Illumination of manuscripts and books: Monograms

grams Initiative see Referendum

See also Habit

Injectors

Inhibition

Initials

See also Boilers

#### Injunctions

Injuries see Accidents; Damages; First aid in illness and injury; Torts; Wounds Injurious insects see Insects, Injurious and beneficial gerous , Ink Injurious occupations see Occupations, Dan-

Inland navigation

See also Canals; Ferries; Lakes; Pilots and pilotage; Rivers; Steam navigation; Waterways

Inlay

See also Arts and crafts; Damaskeening; Mosáics

Inlaying see Inlay Inns

See also Coffeehouses; Hotels Innuit see Eskimos

Inoculation

See also Immunity; Pasteurism; Serum therapy; Smallpox; Vaccination

Inoculation of soils see Soil inoculation Inorganic chemistry see Chemistry, Inorganic Inquests, Coroners', see Coroners Inquisition

See also Martyrs; Persecution; Reformation - Spain; Spain - Religious history; Torture

Insane hospitals

See also names of cities, subhead Hospitals and asylums

Insenity

See also Brain; Defectives; Degeneration; Eccentricity; Feeble-minded; Genius; Id-

Refer from Boilers; Feed water; Steam engines; Steam injectors (s) Refer from Actions at law; Constitutional law: Labor laws: Law

Refer from Chemistry, Technical; Printing; Stationery; Writing

Refer from Canals; Commerce; Hydrography; Lakes; Navigation; Navigation, Inland (s); Rivers; Transportation; Waterways

Refer from Arts and crafts; Buhlwork (s); Decoration and ornament; Incrustation (s); Inlaying (s); Intarsia (s); Marquetry (s); Mosaics

Refer from Hotels; Taverns (8)

Refer from Contagion and contagious diseases; Hygiene, Public; Immunity; Medicine; Serum therapy; Smallpox; Therapeutics; Vaccination

Refer from Catholic church; Church discipline; Church history; Fanaticism; Heresy; Holy office (s); Martyrs; Middle ages; Persecution; Reformation — Spain; Spain — Religious history; Spanish inquisition (s); Torture

Refer from Asylums; Charities; Charities, Medical; Hospitals; Insanity; Lunatic asylums (s); Psychopathic hospitals (s)

Refer from Aberration, Mental (s); Brain; Consanguinity; Defectives; Degeneration;

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iocy; Illusions and hallucinations; Insane hospitals; Medical jurisprudence; Mental diseases; Mind and body; Suicide

Inscriptions

See also Alphabet; Brasses; Cuneiform writing; Epitaphs; Hieroglyphics; Manuscripts; Obituaries; Paleography; Picture writing; Runes; Seals (numismatics); Writing

Insecticides

See also Insects, Injurious and beneficial; Spraying

Insectivora

See also Mammals Insectivorous plants

See also Botany; Botany - Physiology

Insects

See also Arthropoda; Beetles; Caterpillars; Cocoons; Color of insects; Diptera; Entomologists; Fertilization of plants; Hemiptera; Hymenoptera; Insecticides; Lepidoptera; Neuroptera; Orthoptera; Wings; also names of insects

—Aquatic

#### ---Fossil

-Injurious and beneficial

See also Agricultural pests; Cotton—Diseases and pests; Fruit—Diseases and pests; Household pests; Insecticides; Insects as carriers of contagion; Parasites; Spraying; Trees—Diseases and pests; also names of insects, e.g. Beetles, Bookworms, Chinch bugs, Cicadas, Cutworms, Hessian flies, Locusts, Mosquitoes, Moths, Plant lice, San José scale, Scale insects. Weevils

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Insects as carriers of contagion

See also Flies; Mosquitoes; Sleeping sickness; Tsetse flies; Yellow fever

Insignia

See also Decorations of honor; Devices; Regalia

Insolvency see Bankruptcy Insomnia

See also Narcotics; Sleep

Inspection of factories see Factory inspection Inspection of food see Food adulteration and inspection

Inspection of meat see Meat inspection
Inspection of steamboats see Steamboat inspection
Inspiration

See also Bible - Inspiration; Revelation

Dementia (s); Idiocy; Illusions and hallucinations; Intellect; Lunacy (s); Madness (s); Mania (s); Medical jurisprudence; Medicine—Practice; Mental aberration (s); Mental derangements (s); Mental diseases; Mind and body; Psychology

Refer from Alphabet; Archaeology; Epigraphy (s); Epitaphs; Hieroglyphics; History, Ancient; Literature; Manuscripts; Monuments; Obituaries; Paleography; Writing

Refer from Insects; Insects, Injurious and beneficial; Spraying

# Refer from Mammals

Refer from Botany; Botany — Physiology; Carnivorous plants (s); Plants; Plants, Insectivorous (s)

Refer from Animals; Arthropoda; Beetles; Bugs (s); Diptera; Entomology (s); Hemiptera; Hymenoptera; Invertebrates; Lepidoptera; Neuroptera; Orthoptera; Zoology

Refer from Aquatic insects (s); Fresh-water fauna; Water insects (s)
Refer from Fossil insects (s); Invertebrates, Fossil; Paleontology

Refer from Agricultural pests; Agriculture; Economic entomology (s); Entomology, Economic (s); Fruit — Diseases and pests; Gardening; Household pests; Injurious insects (s); Insecticides; Parasites; Pests (s); Trees — Diseases and pests; Zoology, Economic

Refer from U. S.— Entomology (s); U. S.— Insects (s); Zoology — U. S.

Refer from Contagion and contagious diseases; Flies; Hygiene, Public; Insects, Injurious and beneficial; Mosquitoes; Tsetse flies

Refer from Badges of honor (s); Decorations of honor; Devices; Emblems; Heraldry; Regalia; Societies

Refer from Medicine — Practice; Sleep; Sleeplessness (s)

Refer from Revelation; Supernatural; Theology

# Instalment plan

Instinct

See also Animal intelligence; Animals — Habits and behavior; Habit; Orientation; Psychology, Comparative

Institutes, Farmers', see Farmers' institutes Institutes, Teachers', see Teachers' institutes Institutional churches See also Church work

Institutions, Charitable and philanthropic, see Almshouses; Asylums; Charities; Hospitals; also names of cities, subheads Charities and Hospitals and asylums; and special classes of people, e.g. Deaf and dumb—Asylums and education

Instruction see Education; Teaching

Instrumental music

See also Bands (music); Chamber music; Dance music; Duets, Instrumental; Marches (music); Military music; Music; Musical instruments; Orchestral music; Orchestras; Organ music; Overtures; Piano music; Program music; Sonatas; Symphonies; Violin music

Instrumentation and orchestration

See also Musical instruments

#### Instruments

See also Astronomical instruments; Drawing instruments; Electric apparatus and appliances; Machinery; Mathematical instruments; Meteorological instruments; Musical instruments; Optical instruments; Scientific apparatus and instruments; Surgical instruments; Surveying instruments; Tools

#### Insulation

See also Electric cables; Electric resistance; Electric wire and wiring

#### L Insurance

See also Benefit societies

#### ----Accident

See also Employers' liability; Insurance, Casualty; Insurance, Industrial

Casualty ... debooito.

---Compulsory, see Insurance, State and compulsory

See also Fireproofing

---Fraternal, see Benefit societies .

—Health

See also Insurance, State and compulsory

#### Refer from Business; Credit

Refer from Animal instinct (s); Animal intelligence; Animals; Animals—Habits and behavior; Habit; Intelligence of animals (s); Psychology; Psychology, Comparative; Reason; Zoology

Refer from Christian sociology; Church; Church, Institutional (s); Church work

Refer from Music; Musical instruments; Orchestral music; Piano music

Refer from Bands (music); Composition (music); Military music; Music; Music—Instruction and study; Musical instruments; Orchestral music; Orchestration (s)

Refer from Apparatus (s); Scientific apparatus and instruments

Refer from Electric cables; Electric insulation (s); Electric resistance; Electric wire and wiring; Electricity

Refer from Appraising; Assurance (s); Commerce; Commercial law; Contracts; Finance; Investments; Law; Probabilities; Property; Sociology; Thrift

Refer from Accident insurance (s); Accidents; Employers' liability; Insurance, Industrial; Workingmen's insurance (s)

Refer from Casualty insurance (s); Explosions; Floods; Insurance, Accident; Live stock; Storms

Refer from Fire insurance (s); Fires

Refer from Health insurance (s); Insurance, Sickness (s)

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#### Insurance — Continued

-Industrial

See also Benefit societies; Employers' liability; Insurance, Accident; Insurance, State and compulsory

-Life

See also Annuities; Benefit societies; Insurance, Industrial; Insurance, State and compulsory

. See also Salvage خسا

-Sickness, see Insurance, Health

State and compulsory See also Insurance, Industrial; Old age pensions いせに

·Workingmen's, see Insurance, Industrial; Insurance, State and compulsory

Intaglios

See also Gems; Seals (numismatics) Intarsia see Inlay

Integral calculus see Calculus Intellect

See also Animal intelligence; Belief; Brain; Certainty; Genius; Imagination; Insanity; Judgment; Knowledge; Logic; Memory; Perception; Psychology; Psychology, Comparative; Reason; Senses and sensation; Talent; Thought and thinking Intellectual property see Copyright; Inventions; Patents

Intelligence see Intellect

Intelligence of animals see Animal intelligence; Instinct; Psychology, Comparative Intelligence offices see Employment agencies;

Labor exchanges Intemperance see Alcoholism; Liquor problem;

Temperance Intercollegiate athletics see College athletics Interdict.

See also Excommunication

See also Arithmetic; Banks and banking; Discount; Interest tables; Investments

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Interest (psychology)

Interest tables

Interference (light)

See also Electric waves; Light Interior decoration see Church decoration and ornament; Furniture; House decoration Intermediate state see Future life; Purgatory Interment see Burial Internal combustion engines see Gas and oil engines

Refer from Benefit societies; Industrial betterment; Industrial insurance (s); Insurance, Accident; Insurance, Life; Insurance, State and compulsory; Insurance, Workingmen's (s); Labor and laboring classes; Thrift; Workingmen's insurance (s)

Refer from Annuities; Benefit societies; Life insurance (s)

Refer from Marine insurance (s); Maritime law رسم

Refer from Compulsory insurance (s); Insurance, Compulsory (s); Insurance, Health; Insurance, Industrial; Insurance, Life; Insurance, Workingmen's (s); Workingmen's insurance (s)

Refer from Gems

Refer from Brain; Intelligence (s); Knowledge; Mind (s); Philosophy; Psychology; Thought and thinking; Understanding (s)

Refer from Catholic church; Church discipline; Church polity; Excommunication

Refer from Arithmetic; Arithmetic, Commercial; Banks and banking; Capital; Com-merce; Discount; Economics; Ethics; Fi-nance; Investments; Loans; Money; Negotiable instruments; Profit; Usury (s)

Refer from Psychology, Educational

Refer from Interest; Mathematics - Tables. etc.; Tables, Interest (s)

Refer from Light; Optical interference (s)

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Internal revenue see Internal revenue laws; Stamp duties; Taxation; also names of countries, subhead Revenue

Internal revenue laws

International arbitration see Arbitration, International
International copyright see Copyright
International exchange see Foreign exchange
International exhibitions see Exhibitions
International language see Language, Artificial; Language, Universal
International law

See also Aliens; Allegiance; Arbitration, International; Asylum, Right of; Blockade; Boundaries; Cables, Submarine; Citizenship; Claims; Confiscation; Consuls; Contraband of war; Diplomacy; Diplomatic and consular service; Drago doctrine; Embargo laws; Exterritoriality; Extradition; Guerrillas; Impressment; Indemnity; International relations; Intervention; Jurisdiction; Maritime law; Military law; Monroe doctrine; Natural law; Naturalization; Neutrality; Passports; Peace; Pirates; Political offenses; Privateering; Prizes (international law); Recognition (international law); Red cross; Salvage; Search, Right of; Sovereignty; State ethics; Treaties; War International marriages see Marriages, International politics see International relations

International relations

See also Ambassadors; Arbitration, International; Balance of power; Consuls; Diplomacy; Diplomatic and consular service; Diplomatic memoirs; Diplomats; Disarmament; Eastern question; Frontiers; Holy alliance; International law; Militarism; Monroe doctrine; Peace; Race problems; Sea power; State ethics; Treaties; Triple alliance, 1883-; War; also names of countries, subhead Foreign relations Internationalism see International relations Interoceanic canals see Ship canals

Interstate commerce

See also Railroads — Rates; Railroads —
U. S.; Railroads and state; Restraint of trade; Transportation

Interurban railroads see Electric railroads Intervention

See also Holy alliance; Monroe doctrine

Interviewing see Journalism; Reporting Intestate succession see Inheritance Intestines

See also Appendicitis; Digestive system; Viscera Intolerance see Fanaticism; Liberty of conscience; Religious liberty Intoxicants see Alcohol; Liquors; Stimulants Intoxication see Alcoholism; Liquor problem; Temperance Refer from Excise laws (s); Finance; Internal revenue (s); Liquor laws; Taxation; U. S.— Revenue

Refer from Arbitration, International; Blockade; Commerce; Diplomacy; Diplomatic and consular service; International relations; Jurisdiction; Law; Law of nations (s); Maritime law; Military law; Ministers of state; Nations, Law of (s); Natural law; Neutrality; Treaties; War

Refer from Balance of power; Diplomacy; Diplomatic and consular service; Disarmament; Foreign relations (s); History; International law; International politics (s); Internationalism (s); Ministers of state; Peace; Politics; Race problems; Treaties; War; World politics (s)

Refer from Carriers; Commerce; Government regulation of industry; Railroads — Law; Railroads — Rates; Railroads and state; Restraint of trade; U. S.— Commerce

Refer from Holy alliance; International law; Monroe doctrine; War

Refer from Abdomen; Digestive system; Viscera

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Intuition

See also Psychology
Inundations see Floods
Invalid cookery see Cookery

Invalid cookery see Cookery for the sick

Invalids

See also Diet; Health resorts; Nurses and nursing

Invasions of Rome, Barbarian, see Barbarian invasions of Rome

Inventions

See also Industrial arts; Inventors; Patents

#### Inventors

See also Inventions

**Invertebrates** 

See also Arthropoda; Brachiopoda; Coelenterata; Crustacea; Echinodermata; Insects; Mollusks; Polyzoa; Protozoa; Sponges; Worms; Zoology

---Fossil

See also Insects, Fossil; Mollusks, Fossil

**Investments** 

See also Annuities; Banks and banking; Bonds; Building and loan associations; Insurance; Interest; Loans; Mortgages; Railroads — Finance; Real estate; Real estate business; Securities; Speculation; Stocks; Thrift

Invisible empire see Ku-Klux Klan

Ionization of gases

See also Electric discharges through gases; Ions; Radioactivity

Ionized air see Ionization of gases

See also Dissociation; Electric discharges through gases; Electrochemistry; Electrolysis; Electrolytes; Electrons; Ionization of gases; Solution (chemistry)

Iranian languages

See also Aryan languages; Oriental languages; Persian language

Iranic languages see Iranian languages Irish ballads see Ballads, Irish Irish in the U.S.

See also Scotch-Irish in the U.S. Irish land question see Land tenure — Ireland Irish language

See also Celtic languages; Gaelic language

Irish literature (Celtic)
See also Celtic literature; Gaelic literature

Irish literature (English)

See also Ballads, Irish; English literature;
Irish poetry

Irish poetry

See also Ballads, Irish; Irish literature; Songs, Irish Irish songs see Ballads, Irish; Songs, Irish

Iron

See also Annealing; Blast furnaces; Cast iron; Corrosion and anti-corrosives; Foun-

Refer from Knowledge; Psychology

Refer from Hygiene; Medicine; Nurses and nursing; Sick, The (s)

Refer from Civilization; Discoveries (in science) (s); Industrial arts; Intellectual property (s); Inventors; Machinery; Patents; Property, Intellectual (s); Science

Refer from Biography; Discoverers (s); Inventions; Scientists

Refer from Arthropoda; Brachiopoda; Coelenterata; Echinodermata; Mollusks; Polyzoa; Protozoa; Sponges; Worms; Zoology

Refer from Paleontology

Refer from Bonds; Capital; Corporations; Economics; Finance; Interest; Loans; Money; Mortgages; Negotiable instruments; Securities; Speculation; Stocks; Thrift

Refer from Air; Atmospheric nucleation; Electric discharges through gases; Electricity; Gases; Ionized air (s); Ions; Radioactivity

Refer from Atoms; Chemistry; Chemistry, Physical; Dissociation; Electricity; Electrochemistry; Electrolysis; Electrolytes; Electrons; Ionization of gases; Matter; Solution (chemistry); X rays

Refer from Aryan languages; Iranic languages (s); Oriental languages; Persian language

Refer from U. S .- Foreign population

Refer from Celtic languages; Erse (s); Gaelic language

Refer from Celtic literature; Gaelic literature

Refer from British literature (s); English literature; Irish poetry

Refer from Ballads, Irish; British poetry (s); English poetry; Irish literature

Refer from Annealing; Building materials; Cast iron; Metallography; Metals; Steel

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dry work; Galvanizing; Hardware; Iron age; Iron industry; Iron mines and mining; Iron ores; Ironwork; Metallography; Metals; Slag; Steel; Tubes; Wrought iron

Iron age

See also Archaeology
Iron-clad vessels see Armored vessels
Iron founding see Foundry work
Iron industry

See also Foundry work; Iron mines and mining; Rolling mills; Steel industry; Stoves

#### Iron Mask

Iron mines and mining
See also Iron ores

Iron ores

See also Iron mines and mining; Lodestone

Iron trade see Iron industry Iron work see Ironwork Ironclads see Armored vessels Ironwork

See also Arts and crafts; Blacksmithing; Forging; Grilles; Iron industry; Metal coloring; Metal work; Railings; Welding; Wrought iron

Irony Iroquois Indians

See also Indians of New York; Sullivan's expedition

Irrigation

See also Alkali lands; Civil engineering; Dams; Drainage; Dry farming; Irrigation canals; Reclamation of land; Reservoirs; Water rights; Windmills

See also Flumes

Irritability

See also Heliotropism; Plants — Movements

Irvingites see Catholic apostolic church Isinglass see Gelatin; Mica Islam see Mohammedanism Islands

See also Corals and coral islands; Physical geography

Imaginary, see Geographical myths
Islands of the Mediterranean

Isomerism

See also Stereochemistry

Israelites see Jews
Isthmian canal see Panama canal

Italian drama

See also Dramatists, Italian; Italian
literature; Theater — Italy

Italian fiction

See also Italian literature Italian language [subdivided like German

language]
See also Romance languages

Refer from Archaeology; Iron

Refer from Iron; Iron trade (s); Ironwork; Manufactures; Rolling mills; Steel industry

Refer from France — History — Bourbons; Man with the iron mask (s)

Refer from Iron; Iron industry; Iron ores; Mines and mineral resources

Refer from Iron; Iron mines and mining; Ore deposits; Ores

Refer from Arts and crafts; Blacksmithing; Decoration and ornament; Forge work (s); Forging; Grilles; Iron; Iron work (s); Metal work; Wrought iron; Wrought iron work (s)

Refer from Humor; Rhetoric; Satire

Refer from Five nations (s); Indians; Indians of New York; Six nations (s)

Refer from Agriculture; Civil engineering; Dams; Drainage; Engineering; Hydraulic engineering; Reclamation of land; Reservoirs; Soils; Water supply

Refer from Canals; Flumes; Irrigation

Refer from Animals — Habits and behavior; Animals — Irritability (s); Biology; Heliotropism; Movements of animals (s); Plants — Movements

Refer from Geography; Physical geography

Refer from Mediterranean Sea

Refer from Chemistry, Physical; Stereo-chemistry

Refer from Dramatists, Italian; Italian literature; Italian poetry; Theater — Italy

Refer from Italian literature

Refer from Romance languages

7 Jajean

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See also Authors, Italian; Italian drama; Italian fiction; Italian poetry; Romance literature

Italian painting see Painting, Italian

Italian poetry

See also Italian drama; Italian literature; Poets, Italian

Italians in the U.S.

See also Padrone system

Italy - History To 1559

See also Barbarian invasions of Rome; Guelfs and Ghibellines; Rome - History

1559-1789 See also Austrian succession, War of 1789-1815

See also Napoleonic wars

1815-

See also Carbonari; Triple alliance, 1883-

Ivory

Jacobins

See also French revolution

See also England - History - 1714-1837; Nonjurors

Jails see Prisons Jainism see Jains Jains

See also India - Religion

Jameson's raid, 1895-1896

Janissaries see Janizaries

Janizaries

See also Turkey — Army; Turkey -History

Jansenists

Japanese ethics see Ethics, Japanese Japanese folklore see Folklore - Japan Japanese in California Japanese in the U.S.

See also Japanese in California

Japanese language

See also Oriental languages Japanese legends see Legends — Japan Japanese literature See also Oriental literature Japanning

See also Varnish and varnishing

Jarley waxworks

Jealousy

See also Emotions: Love Jesters see Fools Jests see Humor

Refer from Authors, Italian; Italian drama; Italian fiction; Italian poetry; Romance literature

Refer from Italian literature; Poets, Italian

Refer from U. S .- Foreign population

Refer from Barbarian invasions of Rome: Guelfs and Ghibellines

Refer from Austrian succession, War of

Refer from Carbonari

Refer from Animal products; Carving (art industries); Elephants; Sculpture

Refer from Bréton club (s); French revolution

Refer from England - History - Stuarts; England - History - 1714-1837; Scotland -History

Refer from Hinduism; India - Religion; Jainism (s) Refer from South African war, 1809-1902; Transvaal

Refer from Janissaries (s); Turkey - Army; Turkey - History Refer from Catholic church; Catholic church - History; Church history - Modern; Jesuits

Refer from California; Japanese in the U. S.

Refer from Race problems - U. S.; U. S.-Foreign population; U. S .- Foreign relations - Japan

Refer from Oriental languages

Refer from Oriental literature

Refer from Lacquer; Varnish and varnishing

Refer from Entertainments; Waxworks, Living (s)

Refer from Emotions; Love

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Jesuits

Madonnas

See also Jansenists

Tesus (8) -Missions See also Catholic church - Missions; Refer from Catholic church - Missions; Indians - Missions Indians - Missions; Missions Jesus, Society of, see Jesuits Jesus Christ See also Antichrist; Apostles; Atonement; Bible; Bible — New Testament; Christianity; Cross; Easter; Holy sepulcher; Incarnation; Lord's supper; Mary, Virgin; Messiah; Millennium; Miracles; Salvation; Refer from Atonement; Bible; Bible - New Testament; Bible - New Testament - Gospels; Christ (s); Christianity; Christology (s); God; Incarnation; Jews; Lord's supper; Mary, Virgin; Messiah; Millennium; Prophecies; Religion; Second advent; Theology; Trinity Second advent; Socinianism; Transubstantiation; Trinity -Art, see Jesus Christ in art -Ascension, see Jesus Christ — Resurrection and ascension Atonement, see Atonement -Baptism Refer from Baptism Refer from Jesus Christ - Life (s) Biography Birth Refer from Christmas; Jesus Christ - Nativity (s); Nativity of Christ (s); Virgin See also Christmas; Incarnation; Magi birth of Christ (s) -Character Refer from Jesus Christ - Person and See also Jesus Christ - Person and offices offices Crucifixion, see Jesus Christ - Passion Death, see Jesus Christ - Passion Divinity See also Arianism; Jesus Christ -Refer from Arianism; Divinity (s); Human-Messiahship; Socinianism; Trinity; Uniitarianism (theology) (s); Trinity; Unitariantarianism Genealogy Iconography, see Jesus Christ in art Incarnation, see Incarnation Legends Refer from Legends ·Life, see Jesus Christ — Biography Messiahship See also Messiah Refer from Jesus Christ - Divinity; Messiah -Miracles Refer from Miracles Names Nativity, see Jesus Christ — Birth Refer from Crucifixion; Jesus Christ — Crucifixion (s); Jesus Christ — Death (s) Passion Person and offices See also Jesus Christ - Character Refer from Jesus Christ — Character Portraits, see Jesus Christ in art Resurrection and ascension See also Easter Refer from Ascension of Jesus Christ (s); Easter; Jesus Christ - Ascension (s); Resurrection Second advent, see Second advent See also Bible — New Testament — Gospels; Parables; Sermon on the mount Refer from H Gospels; Parables Bible — New Testament — Refer from Temptation Temptation Transfiguration Refer from Transfiguration of Jesus Christ (s) -Trial Jesus Christ in art See also Christian art and symbolism; Refer from Bible - Pictorial illustrations;

Refer from Catholic church; Church history; Counter-reformation; Jesus, Society of (s);

Monasticism; Religious orders; Society of

Christian art and symbolism; Jesus Christ -

See also Hydraulics; Hydrodynamics Refer from Fluids; Hydraulics; Hydrodynamics; Liquids See also Breakwaters Refer from Breakwaters; Harbors; Hydraulic engineering; Reclamation of land Refer from Arts and crafts; Bracelets; Brooches; Costume; Decoration and ornament; Gems; Gold; Goldsmithing; Metal work; See also Arts and crafts; Beads; Bracelets; Brooches; Cameos; Gems; Goldsmithing; Hall marks; Pearls; Plate; Precious stones; Precious stones; Rings; Silversmithing Rings; Silversmithing Jewish ethics see Ethics, Jewish Jewish language see Hebrew language; Yiddish language Jewish literature See also Bible; Cabala; Hebrew literature; Refer from Hebrew literature: Jews -Talmud; Yiddish literature Literature (s) lewries see Ghettos ]ews See also Anglo-Israelism; Bible; Circum-Refer from Bible; Church history; Ghettos; cision; Essenes; Ghettos; Jesus Christ; Hebrews (s); Israelites (s); Palestine; Race problems; Semitic race; Zionism Messiah; Palestine; Passover; Patriarchs; Prophets; Sabbath, Jewish; Semitic race; Zionism -Antiquities See also Bible - Antiquities Refer from Bible - Antiquities Biography Charities. Refer from Charities -Civilization Customs, see Jews — Social life and customs Education Ethics, see Ethics, Jewish -Ethnology See also Bible - Ethnology Refer from Bible - Ethnology -History See also Bible - History Refer from Bible - History -Language, see Hebrew language; Yiddish language Law Refer from Mosaic law See also Mosaic law -Literature, see Hebrew literature; Jewish literature; Yiddish literature —Liturgy and ritual Refer from Jews - Religion; Jews - Ritual (s) -Lost tribes Refer from Anglo-Israelism; Bible — Ethnology; Lost tribes of Israel (s); Ten tribes See also Anglo-Israelism of Israel (s) -Music, see Music — Jews -Persecution Refer from Jews - Political and social conditions; Persecution -Political and social conditions See also Jews - Persecution; Jews in Refer from Anti-Semitism (s); Jews -Russia; Jews in the U. S.; Zionism Social conditions (s) Religion See also Bible — Old Testament; Cab-ala; Circumcision; Essenes; Jews — Liturgy and ritual; Messiah; Mosaic law; Refer from Circumcision; Judaism (s); Passover; Religions Passover; Sabbath, Jewish; Talmud -Ritual, see Jews — Liturgy and ritual -Social conditions, see Jews — Political

Art (s); Jesus Christ — Iconography (s);

Jesus Christ - Portraits (s)

and social conditions



Tews - Continued Social life and customs See also Ethics, Jewish Jews in Russia

Tews in the U.S.

Jiu-jitsu

See also Wrestling

Joinery see Carpentry Joint authorship see Collaboration oint standard see Bimetallism Joint-stock companies

See also Corporations; Partnership; Stocks acro. 1

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Toints

See also Anatomy; Dislocations

Jokes see Humor Tournalism

See also Amateur journalism; Authorship; Caricature and cartoons; Editorials; Libel and slander; Liberty of the press; Newspapers; Periodicals; Publicity; Reporting; Students' periodicals; War correspondence Journals (machinery) see Bearings (machinery) Journeys see Voyages and travels; also names of countries, subhead Description and travel

See also Emotions: Happiness: Pleasure Jubilee singers Judaeo-German see Yiddish language Judaism see Jews - Religion Judeo-German see Yiddish language Judges

See also Chancellors, Lord; Chief justices; Justices of the peace; Magistrates

Judgment

See also Common sense; Psychology; Reason

Judgment day

See also Eschatology; Future life; Second advent Judiciary see Courts; Judges Juggling see Conjuring July fourth see Fourth of July Jurassic period see Geology, Stratigraphic — Jurassic; Paleontology — Jurassic

See also Constitutional law; Courts; Equity; International law

Jurisprudence see Law Jurisprudence, Medical, see Medical jurisprudence Jurists see Lawyers

See also Constitutional law; Trials

See also Equity

Refer from Jews — Customs (s) Refer from Jews — Political and social conditions Refer from Jews — Political and social conditions

Refer from Athletics; Physical education; Sports; Wrestling

Refer from Business: Commercial law: Corporations; Partnership; Stock companies (s); Stocks

Refer from Anatomy; Articulations (s); Bones: Dislocations

Refer from Authorship; Editorials; Interviewing (s); Liberty of the press; Literature; Newspaper work (s); Newspapers; Periodicals; Press (s); Professions; Reporting; Writing for the press (s); Yellow journalism (s)

Refer from Emotions; Happiness; Pleasure Refer from Fisk university; Negro songs

Refer from Biography; Chief justices; Courts; Judiciary (s); Justices (s); Law; Lawyers; Magistrates

Refer from Intellect; Knowledge; Psychology; Reason

Refer from Day of judgment (s); Eschatology; Future life; Last judgment (s); Second advent; Theology

Refer from Constitutional law; Courts; International law; Law; Probate law and practice

Refer from Constitutional law; Courts; Criminal law; Grand jury (s); Law; Trial by jury (s); Trials

Refer from Conduct of life; Equity; Ethics; Law

Hames

Justices see Chief justices; Judges; Justices of the peace Justices of the peace

**Tustification** 

See also Faith; Grace (theology)

Jute

See also Fibers

Juvenile courts

See also Juvenile delinquency; Probation system

Juvenile delinquency

See also Children, Abnormal and backward; Defectives; Juvenile courts; Parental schools; Reformatories; Truancy; Truant schools

Juvenile literature see Children's literature Juvenile offenders see Juvenile delinquency Juvenile reformatories see Reformatories Kabala see Cabala Kabbala see Cabala Kaffirs see Kafirs Kafirs

See also Africa, South

Kaki see Khaki Kaleidoscope Kaliss see Caliphs Kansas-Nebraska bill

Kantianism see Critical philosophy

See also Burma Kartels (economics) see Combination, Indus-trial; Trusts Karvokinesis

Katabolism see Metabolism Kathode rays see Cathode rays Kayans see Dyaks Keeley cure see Gold cure Keltic languages see Celtic languages Keltic literature see Celtic literature Kelts see Celts Kentucky and Virginia resolutions, 1708

Kentucky resolutions, 1798, see Kentucky and Virginia resolutions, 1798 Keramics see Pottery Kerosene see Petroleum Kerosene engines see Gas and oil engines Keswick movement Keys see Locks and keys Khaki

Khalifs see Caliphs

Kidnapping See also Brigands and robbers; Impressment; Slave trade

Refer from Judges; Justices (s); Law; Magistrates

Refer from Faith; Grace (theology); Salvation; Theology

Refer from Fibers; Hemp

Refer from Children - Law; Children's courts (s); Courts; Criminal law; Juvenile delinquency; Probation system; Reformatories

Refer from Boys; Children; Children— Law; Crime and criminals; Defectives; Delinquent children (s); Juvenile courts; Juvenile offenders (s); Social problems

Refer from Africa, South; Caffres (s); Ethnology — Africa, South; Kaffirs (s)

Refer from Optical instruments

Refer from Kansas — History; Missouri compromise; Nebraska — History; Slavery in the U.S.

Refer from Burma

Refer from Biology; Caryokinesis Cells; Chromosomes (s); Cytokinesis Mitosis (s)

Refer from Alien and sedition laws, 1798; Kentucky — History; Kentucky resolutions(s); Nullification; State rights; Virginia — History; Virginia resolutions (s)

Refer from Revivals

Refer from Cotton; Dyes and dyeing; Kaki (s); Textile industry and fabrics; Wool

Refer from Crime and criminals; Slave trade

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Kidneys

See also Urinary organs

Kindergarten

See also Cardboard construction; Child study; Children; Finger plays; Nature study; Object teaching; Paper work; Play; Story telling

#### -Games and songs

## Stories Kindness

Kindness to animals see Animals - Treatment **Kinematics** 

See also Dynamics; Force and energy; Mechanical movements; Mechanics; Motion; Velocity

Kinematograph see Moving pictures Kinetic theory of gases see Gases - Kinetic

theory

Kinetics see Dynamics; Motion Kinetograph see Moving pictures Kinetoscope see Moving pictures

King Philip's war, 1675-1676

See also Indians — Wars; New England — History; U. S. - History - Colonial period King William's war, 1689-1697 See also Indians — Wars; U. S. — His-

tory - Colonial period

Kingdom of God Kings and rulers

See also Caliphs; Courts and courtiers; Divine right of kings; Doges; Emperors; Monarchy; Popes; Presidents; Princes and princesses; Queens and empresses; Royal descent, Families of

Kingship see Monarchy Kinship see Consanguinity; Family

Kissing Kitchen

See also Cookery; Home economics Kitchen garden (for teaching housekeeping) Kitchen gardening (vegetables) see Gardening Kitchen middens

See also Mounds and mound builders

Kites

Kneipp cure see Hydrotherapy Knife see Knives Knight-errantry see Chivalry; Knights and knighthood Knightage see Peerage Knighthood see Knights and knighthood Knights and knighthood

See also Chivalry; Feudalism; Heraldry; Peerage; also orders of knighthood, e.g. Garter, Order of the; Malta, Knights of; Templars; Teutonic knights

Knights hospitallers see Malta, Knights of Knights of Malta see Malta, Knights of Knights of Rhodes see Malta, Knights of

Refer from Abdomen; Urinary organs; Viscera

Refer from Child study; Children; Children — Education (s); Education; Education, Elementary; Education of children (s); Elementary education (s); Froebel system of education (s); Gifts (kindergarten) (s); Object teaching; Schools; Teaching Refer from Children's songs; Games; Play;

School music; Songs

Refer from Children's literature; Stories (8) Refer from Affection (s); Charity; Conduct of life; Ethics

Refer from Cinematics (s); Dynamics; Machinery; Mechanical movements; Mechanics; Motion; Physics; Velocity

Refer from Indians — Wars; New England — History; U. S.— History — Colonial period

Refer from England - History - Stuarts; Indians — Wars; New York (state) — History; U. S. — History — Colonial period Refer from Theology

Refer from Biography; Courts and courtiers; Despotism; Emperors; History; Magistrates; Monarchs (s); Monarchy; Royalty (s); Rulers (s); Sovereigns (s)

Refer from Manners and customs

Refer from Cookery; Home economics Refer from Home economics

Refer from Archaeology; Indians - Antiquities; Mounds and mound builders; Shell mounds (s) Refer from Aeronautics; Amusements; Sports

Refer from Chivalry; Feudalism; Heraldry; Knight-errantry (s); Knighthood (s); Orders of knighthood (s); Peerage



Knights of St. John of Jerusalem see Malta, Knights of Knights of the cross see Teutonic knights Knights of the red cross see Freemasons Knights templars (masonic) see Freemasons — Templars Knights templars (military order) see Templars Knights templars

See also Fancy work

Knives

See also Cutlery

Knotting and splicing see Knots and splices Knots and splices

Know-nothing party

See also U. S. - History - 1815-1861

Knowledge

See also Apperception; Belief; Education; Experience; Intellect; Intuition; Judgment; Metaphysics; Perception; Philosophy; Psychology; Reality; Science; Truth Knownothing party see Know-nothing party Koomis see Kumiss

Koran

See also Mohammedanism

Koumys see Kumiss
Ku-Klux Klan
See also Reconstruction

#### Kumiss

Kuran see Koran Kyanizing see Wood — Preservation Kymric language see Welsh language Kymric literature see Welsh literature Labadists

Labor and capital

See also Arbitration and conciliation, Industrial; Boycott; Capital; Combination, Industrial; Cooperation; Employers' associations; Employers' liability; Industrial betterment; Industry; Labor and laboring classes; Labor unions; Profit sharing; Strikes and lockouts; Wages

Labor and laboring classes

See also Age limit of employment; Apprentices; Arbitration and conciliation, Industrial; Benefit societies; Child labor; Communism; Consumers' leagues; Contract labor; Convict labor; Coolies; Cooperation; Cost of living; Economics; Efficiency, Industrial; Employers' liability; Employment agencies; Factory system; Farm colonies; Farm labor; Gilds; Home labor; Hours of labor; Housing problem; Immigration and emigration; Industrial betterment; Industrial education; Industry; Insurance, Industrial; Labor and capital; Labor echanges; Labor laws; Labor unions; Leisure class; Machinery in industry; Mechanics' institutes; Miners; Occupations; Old age

Refer from Fancy work; Needlework

Refer from Cutlery; Hardware; Knife (s)

Refer from Cordage; Knotting and splicing (s); Navigation; Rope; Splicing (s)

Refer from American party (s); Knownothing party (s); Political parties; U. S.— History—1815-1861; U. S.— Politics

Refer from Apperception; Consciousness; Education; Epistemology (s); Intellect; Learning (s); Metaphysics; Philosophy; Psychology

Refer from Alcoran (s); Alkoran (s); Kuran (s); Mohammedanism; Quran (s); Sacred books

Refer from Invisible empire (s); Reconstruction; Secret societies; Southern states; White league (s)
Refer from Koomis (s); Koumys (s); Liquors; Milk

Refer from Sects

Refer from Arbitration and conciliation, Industrial; Capital; Capital and labor (s); Economics; Labor and laboring classes; Profit sharing

Refer from Economics; Industry; Labor and capital; Labor unions; Laborers (s); Manufactures; People; Poor; Profit sharing; Social problems; Sociology; Strikes and lockouts: Wages; Wealth; Work; Working classes (s)

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Labor and laboring classes — Continued abor and laboring classes—Continued pensions; Open and closed shop; Padrone system; Peasantry; Peonage; Poor; Profit sharing; Railroads—Employees; Scientific management; Servants; Slavery; Socialism; Sociology; Standard of living; Strikes and lockouts; Sweating system; Unemployed; Villeinage; Wages; Women—Employment; Work; Workingmen's clubs; also names of cities, subhead Labor and laboring classes—U.S.

See also U. S. - Social conditions

Labor and machinery see Machinery in industry Labor colonies see Farm colonies: Penal colonies

Labor exchanges

See also Employment agencies; Unemployed

Labor laws

See also Blacklisting; Boycott; Employers' liability; Factory laws; Hours of labor; Injunctions; Mining laws

Labor organizations see Gilds; Labor unions
Labor unions

See also Arbitration and conciliation, Industrial; Benefit societies; Blacklisting; Boycott; Combination, Industrial; Cooperation; Employers' associations; Gilds; Labor and laboring classes; Open and closed shop; Restraint of trade; Strikes and lockouts; Trade agreements; Wages

Laboratories

See also Biological laboratories Laborers see Labor and laboring classes Laborers' dwellings see Housing problem Lace

See also Needlework

Laconics see Maxims Lacquer

See also Japanning; Varnish and varnish

Lacrosse

Ladies see Etiquet; Women La grippe see Influenza Lake District, Eng.

See also Cumberland, Eng.; Lake poets; Lancashire, Eng.; Westmoreland, Eng.

Lake dwellers and lake dwellings See also Archaeology

Lake poets

See also English poetry; Lake District, Eng.

Refer from U. S.— Economic conditions; U. S.— Labor and laboring classes (s); U. S. - Social conditions

Refer from Arbitration and conciliation, Industrial; Employment agencies; Intelligence offices (s); Labor and laboring classes; Unemployed

Refer from Children — Law; Employers' liability; Factory laws; Government regulation of industry; Industrial betterment; Labor and laboring classes; Labor legislation (s); Law

Refer from Associations (s); Benefit societies; Boycott; Collective bargaining (s); Combination, Industrial; Commerce; Cooperation; Economics; Gilds; Labor and capital; Labor and laboring classes; Labor organizations (s); Open and closed shop; Organized labor (s); Restraint of trade; Societies; Strikes and lockouts; Trade unions (s); Trades combina-tion (s); Unions, Labor (s); Wages; Workingmen's associations (s)

Refer from Research; Scientific research

Refer from Arts and crafts; Domestic arts; Fancy work; Manufactures; Needlework; Weaving

Refer from Arts and crafts; Varnish and varnishing; Wood finishing Refer from Games

Refer from Cumberland, Eng.; England -Description and travel; Lake poets; Lakes; Lancashire, Eng.; Westmoreland, Eng.

Refer from Anthropology; Archaeology; Architecture, Ancient; Ethnology; Lakes; Man — Origin and antiquity

Refer from English poetry; Lake District, Eng.; Lake school (s); Lakists (s); Poets, English

Lake school see Lake poets Lakes

See also Great Lakes; Inland navigation; Lake District, Eng.; Lake dwellers and lake dwellings; Physical geography; Ponds Lakists see Lake poets

Lemaism

See also Buddhism; Tibet Lamarckism see Evolution; Lamarck Lamellibranchiata see Bivalves Lampoons see Satire Lamps

See also Electric lamps: Safety lamps

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See also Agriculture; Clearing of land; Deeds; Easements; Eminent domain; Farm colonies; Farms; Land grants; Land nationalization; Land tenure; Land titles; Landlord and tenant; Parks; Public lands; Real estate; Reclamation of land; Rent; School lands; Single tax; Surveying; Taxation; Unearned increment

Land banks

See also Agricultural credit; Banks and banking

Land clearing see Clearing of land Land credit see Agricultural credit Land drainage see Drainage

Land grants

See also School lands; also names of countries, subhead Public lands

Land nationalization

See also Communism; Land tenure; Single tax; Socialism

and surveying see Surveying

Land tenure

See also Absenteeism; Commons; Eminent domain; Feudalism; Land nationalization; Land titles; Landlord and tenant; Manors; Mark (land); Mortmain; Real estate; Rent; Riparian rights; School lands; Scutage; Single tax; Taxation; Unearned increment; Village communities; Villeinage -Ireland

See also Absenteeism

-U. S.

See also Homestead law; U. S .- Public lands

Land titles

See also Conveyancing; Deeds; Mort-gages; Real estate; Sale; Torrens system

Land transfer See Conveyancing

Land yachts
Landlord and tenant

See also Absenteeism; Apartment houses; Eviction; Land; Rent; Tenement houses Landmarks, Preservation of, see Preservation of landmarks, scenery, etc.

Landscape

See also Picturesque; Preservation of landmarks, scenery, etc.

Landscape gardening

See also Cemeteries; Evergreens; Forests and forestry; Garden ornaments and furni-

Refer from Inland navigation; Physical geography; Ponds; Water

Refer from Buddhism; Religions; Tibet

Refer from Furniture; Lighting; Petroleum

Refer from Agriculture; Economics; Landlord and tenant; Law; Property; Real estate; Rent

Refer from Agricultural banks (s); Agricultural credit; Banks and banking

Refer from Land; U. S .- Public lands

Refer from Communism; Land; Land tenure; Nationalization of land (s); Single tax; Social-

Refer from Absenteeism; Agriculture; Economics; Inheritance; Land; Land nationalization; Real estate; Single tax; Tenure of land (s)

Refer from Absenteeism; Ireland - Land tenure (s); Irish land question (s)

Refer from U. S.— Economic conditions; U. S.— Land tenure (s)

Refer from Abstracts of title (s); Conveyancing; Deeds; Land; Land tenure; Property; Real estate; Sale; Titles (land) (s)

Refer from Sports; Yachts and yachting

Refer from Commercial law; Land; Land tenure; Law; Real estate; Rent; Tenants (s)

Refer from Esthetics; Natural scenery (s); Picturesque; Scenery (s)

Refer from Architectural gardening (s); Art; Cemeteries; Forests and forestry; Formal

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ture; Gardening; Gardens; Hedges; Lawns; Municipal improvement; Parks; Pergolas; Rustic woodwork; Shrubs; Topiary work; Trees; Water gardens Landscape painting

See also Barbizon school; Painting Landslides

See also Avalanches

Language

See also Accent; Alliteration; Alphabet; Classical education; Conversation; Definition; Dialects; Elocution; Epithets; Etymology; Grammar; Hieroglyphics; Idioms; Literature; Names; Onomatopoeia; Phonetics; Pronunciation; Prosody; Punctuation; Rhetoric; Sign language; Slang; Speech; Spelling; Synonyms and antonyms; Translation; Transliteration; Words; Writing; also names of languages and groups of lan-guages, e.g. African languages; Aryan languages; Dravidian languages; Indians languages; Oceanic languages; Oriental languages; Romance languages; Semitic languages; Ural-Altaic languages -Artificial

See also Bolak; Esperanto; Ido; Volapük

Comparative philology

-Universal

See also Language, Artificial

Language of animals see Animals — Language Language of flowers see Flower language Langue bleue (artificial language) see Bolak Langue d'oc see Provençal language Langue d'oil see French language Lantern slides

See also Stereopticon Lapidary work see Gems Larceny

See Burglary; also Embezzlement; Thieves

Last judgment see Judgment day Last words of famous people

Lathe work see Lathes; Turning Lathes

See also Machine shop practice; Machine tools; Turning; Woodworking machinery

L-Latin America

See also Central America; Mexico; Mon-roe doctrine; South America; West Indies Latin drama

See also Dramatists, Latin; Latin literature; Theater — Rome

Latin language [subdivided like German]

language]

See also Aryan languages; Romance languages

Latin literature

See also Classical literature; Latin drama; Latin language; Latin poetry

-Medieval and modern

gardening (s); Gardening; Gardens; Hedges; Municipal improvement; Parks; Planting (s); Rural architecture (s); Shrubs; Trees

Refer from Painting

Refer from Avalanches; Geology; Physical geography

Refer from Anthropology; Ethnology; Linguistics (s); Literature; Philology (s); Science; Speech; Words

Refer from Artificial language (s); International language (s); Language, Universal Refer from Comparative philology (s)

Refer from International language (s); Universal language (s)

Refer from Stereopticon

Refer from Burglary; Crime and criminals; Shoplifting (s); Stealing (s); Theft (s); Thieving (s); Thieves

Refer from Anecdotes; Death-bed words (s); Dying words (s)

Refer from Carpentry; Lathe work (s); Machine shop practice; Machine tools; Machinery; Turning; Woodworking machinery

Refer from Central America; Mexico: South America; Spanish America (s)

Refer from Dramatists, Latin; Latin literature; Theater — Rome

Refer from Aryan languages; Classical languages (s); Latin literature

Refer from Classical literature; Latin drama; Latin poetry; Roman literature (8)



Latin poetry

See also Latin literature

Latin races

See also Aryans; Creoles

Latitude and longitude

See also Astronomy; Astronomy, Spherical and practical; Geography, Mathematical; Navigation; Nutation; Traverse tables

Latter-day saints see Mormons and Mormonism

See also Grilles

Laughter

See also Humor Launches see Motor boats; Steam launches Launching Laundry

See also Cleaning

Laureates see Poets laureate Lava

See also Igneous rocks; Volcanoes

\_\_Law

See also Acknowledgments; Actions at law; Administrators and executors; Admiralty; Adoption; Affidavits; Agency; Agricultural laws; Aliens; Allegiance; Anecdotes, Legal; Appeal; Appraising; Arbitration and award; Assignments; Asylum, Right of; Attachment; Bail; Bailments; Bankruptcy; Benefit of clergy; Blue laws; Building laws; Carriers; Chancery; Charters; Church law; Civil law; Civil rights; Commercial law; Common law; Confiscation; Constables; Constitutions; Contracts; Conveyancing; Copyright; tions; Contracts; Conveyancing; Copyright; Coroners; Corporation law; Costs; County officers; Courts; Crime and criminals; Criminal law; Damages; Debt; Divorce; Domestic relations; Easements; Election laws; Eminent domain; Equity; Evidence; Extradition; Feudalism; Forms (in law); Game laws; Government; Guaranties and sureties; Guardians; Habeas corpus; Impeachment; Inheritance; Injunctions; Insurance; International law; Judges; Jurisdiction; Jury; Justice; Justices of the peace; Labor laws; Land; Landlord and tenant; Lawyers; Legacies; Legal ethics; Legislation; Libel and slander; Liens; Limitations (law); Liquor laws; Lynch law; Magistrates; Mandamus; Maritime law; Marriage; Martial law; Master and servant; Medical jurisprudence; Military law; Mining laws; Mortgages; Mortmain; Mosaic law; Municipal corporations; Municipal law; Natural law; Negligence; Negotiable instruments; Notaries; Nuisances; Pardon; Parliamentary practice; Partnership; Patents; Personal property; Petition, Right of; Pleading and practice; Police; Police power; Poor laws; Possession (in law); Powers (law); Primogeniture; Probate law and practice; Property; Prostitution; PunishRefer from Latin literature

Refer from Aryans; Civilization

Refer from Astronomy; Astronomy, Spherical and practical; Degrees of latitude and longitude (s); Earth; Geodesy; Geography; Geography, Mathematical; Longitude (s); Nautical astronomy; Navigation

Refer from Doors; Fret cutting (s); Grilles; House decoration; Windows

Refer from Emotions: Humor

Refer from Shipbuilding; Ships

Refer from Cleaning; Home economics; Wasking (s)

Refer from Igneous rocks; Volcanoes

Refer from Civil law; Common law; Courts; Criminal law; Ethics; Government; Juris-prudence (s); Legislation; Municipal law; Pleading and practice; Professions; Science; Sociology

Law - Continued ment; Real estate; Receivers; Rent; Restraint of trade; Riparian rights; Sale; Salic law; School laws; Sheriffs; Social contract; Sovereignty; Sumptuary laws; Survivorship; Torts; Trade-marks; Treason; Trespass; Trials; Trustees; Wager of battle; Wills; Witnesses; also subhead Law under countries and states, and under various subjects, e.g. Women — Law

Law of nations see International law Law of nature see Natural law Law of supply and demand see Supply and demand Lawn tennis see Tennis

Lawns

See also Grasses

-Study and teaching

Lawsuits see Actions at law Lawyers

See also Anecdotes, Legal; Chancellors, Lord; Chief justices; Judges; Legal ethics; Magistrates; Women as lawyers Laziness see Idleness

Lead

See also Lead burning; Lead mines and mining; Lead poisoning; Metals; Pewter; Plumbing

Lead burning

See also Plumbing Lead mines and mining

Lead poisoning

Leadership

See also Executive ability

Learned men see Scholars

Learned societies

See also Scientific societies; also names of countries and cities, subhead Learned institutions and societies

Learning see Culture; Education; Knowledge; Scholars.

Least squares

See also Astronomy, Spherical and practical; Probabilities

See also Blacking; Chemistry, Technical; Boots and shoes; Harness; Hides and skins; Leather work; Tanning

Leather work

See also Arts and crafts

Leaves

See also Botany; Botany, Structural; Trees

Lectures and lecturing

See also Chalk talks; Lyceums; Oratory;

Lecturing see Lectures and lecturing

Refer from Legal education (s); Professional education

Refer from Gardening; Grasses; Landscape gardening

Refer from Attorneys (8); Bar (8); Barristers (8); Biography; Jurists (8); Law; Solicitors (s)

Refer from Metals

Refer from Lead; Plumbing Refer from Lead; Mines and mineral resources Refer from Lead; Occupations - Diseases and hygiene; Poisons

Refer from Ability; Executive ability; Success

Refer from Academies (learned societies) (s); Scientific societies; Societies

Refer from Astronomy, Spherical and practical; Errors, Theory of; Geodesy; Mathematics; **Probabilities** 

Refer from Animal products; Boots and shoes; Chemistry, Technical; Hides and skins; Manufactures; Tanning

Refer from Arts and crafts; Fancy work; Leather

Refer from Botany; Botany, Structural; Foliage (s); Plants; Trees

Refer from Education; Entertainments; Lecturing (s); Lyceums; Oratory; Rhetoric

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Left- and right-handedness

See also Ambidexterity; Hand

Lefthandedness see Left- and right-handedness

See also Anatomy; Artificial limbs

Legacies

See also Inheritance; Inheritance and transfer tax; Mortmain; Wills Legal anecdotes see Anecdotes, Legal Legal chemistry see Chemistry, Legal Legal education see Law — Study and teaching

ing Legal ethics

Legal forms see Forms (in law) Legal holidays see Holidays

Legal medicine see Medical jurisprudence

Legal tender

See also Greenbacks; Money; Paper money

Legations see Diplomatic and consular service Legends

See also Animal lore; Arthurian romances; Ballads; Cross; Fables; Fairy tales; Faust; Folklore; Grail; Indians — Legends; Jesus Christ — Legends; Mary, Virgin — Legends; Mythology; Romances; Sagas; Saints; Wandering Jew — Celtic

See also Folklore, Celtic

---Japan

See also Folklore - Japan

Legerdemain see Conjuring Legislation

See also Government; Law; Legislative bodies; Lobbying; Parliamentary practice; Referendum; Veto

Legislation, Direct, see Referendum Legislative bodies

See also Committees; Parliamentary practice; also names of legislative bodies under countries, states and cities

Legs see Leg Legume inoculation see Soil inoculation Leisure

Leisure class

See also Class distinction; Luxury

Lenape Indians see Delaware Indians Length, Standards of, see Standards of length Lenni Lenape see Delaware Indians Lenses

See also Photographic optics

Lent

See also Ash Wednesday; Christian year; Easter; Fasts and feasts; Good Friday; Holy week Lepers see Leprosy Refer from Ambidexterity; Habit; Hand; Lefthandedness (s); Psychology, Physiological; Right-handedness (s); Righthandedness (s)

Refer from Anatomy; Legs (8)

Refer from Bequests (s); Inheritance; Law; Wills

Refer from Ethics; Ethics, Legal (s); Law; Lawyers; Professional ethics (s)

Refer from Bank notes; Coinage; Fiat money (s); Greenbacks; Money; Paper money

Refer from Ballads; Fiction; Folklore; Literature; Mythology; Romances; Saints; Stories (s); Superstition; Traditions (s)

Refer from Celtic legends (s); Celts; Folk-lore, Celtic

Refer from Folklore — Japan; Japan — Legends (s); Japanese legends (s)

Refer from Government; Law

Refer from Committees; Constitutional law; Government; Legislation; Parliamentary practice; Representative government and representation

Refer from Conduct of life; Simple life

Rifer from Class distinction; Economics; Labor and laboring classes; Luxury; Privileged classes; Social ethics; Sociology; Wealth

Refer from Aberration; Optical instruments; Photographic optics; Photography; Spectacles

Refer from Ash Wednesday; Catholic church; Christian year; Easter; Fasting; Fasts and feasts; Good Friday; Holy week

Similar Milk

Lepidoptera

See also Butterflies; Caterpillars; Insects;
Moths

Leprosy

Letter writing

See also Commercial correspondence; Etiquet; Rhetoric

Lettering

See also Illumination of manuscripts and books; Monograms; Sign painting

## Letters ——American

## ----English

Letters (of the alphabet) see Alphabet Letters of marque see Privateering Letters patent see Patents Leucopathy see Albinos and albinism Levant

See also Asia Minor; East; Palestine; Turkey Levees see Embankments Leveling see Surveying Lewis and Clark expedition

Lexicons see Dictionaries; also names of languages and subjects, subhead Dictionaries Liability, Employers', see Employers' liability Libel and slander

See also Liberty of speech; Liberty of the press; Torts

## Liberalism

See also Modernism; Unitarianism

Liberty

See also Anarchism and anarchists; Assembly, Right of; Democracy; Equality; Free institutions; Liberty of conscience; Liberty of speech; Liberty of the press; Natural law; Religious liberty; Slavery Liberty of conscience

See also Church and state; Dissenters; Heresy; Persecution; Private judgment; Public opinion; Religious liberty

Liberty of speech

See also Assembly, Right of; Libel and slander; Liberty of the press

Liberty of the press

See also Journalism; Libel and slander; Liberty of speech; Newspapers; Prohibited books; Public opinion

Liberty of the will see Freedom of the will

Refer from Butterflies; Caterpillars; Insects; Moths Refer from Lepers (s); Medicine — Practice;

Skin — Diseases

Refer from Composition (English); Composition (rhetoric) (s); Correspondence (s); Etiquet; Rhetoric; Writing

Refer from Alphabet; Alphabets (s); Decoration and ornament; Design, Decorative; Illumination of manuscripts and books; Initials; Mechanical drawing; Monograms; Ornamental alphabets (s); Painting, Mechanical; Penmanship; Sign painting; Writing

Penmanship; Sign painting; Writing
Refer from Correspondence (s); Literature
Refer from American letters (s); American

literature

Refer from English letters (s); English literature

Refer from Asia; Asia Minor; East; Palestine; Turkey

Refer from Louisiana purchase; Missouri River; U. S.— Exploring expeditions; Western states

Refer from Calumny (s); Damages; Defamation (s); Journalism; Law; Liberty of speech; Liberty of the press; Slander (s); Torts

Refer from Government; Politics; Theology; Unitarianism

Refer from Civil liberty (s); Democracy; Despotism; Equality; Ethics; Free institutions; Freedom (s); Government; People; Personal liberty (s); Philosophy; Religious liberty

Refer from Church and state; Church polity; Conscience; Ethics; Free religion; Heresy; Intolerance (s); Liberty; Persecution; Private judgment; Religious liberty; Theology; Toleration (s)

Refer from Assembly, Right of; Free speech (s); Libel and slander; Liberty; Liberty of the press; Speech

Refer from Censorship of the press (s); Freedom of the press (s); Journalism; Libel and slander; Liberty; Liberty of speech; Newspapers; Periodicals; Press (s); Prohibited books

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See Butterflies; Caterpillars; Insects.

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Letter withing

See a o Commercial

Englet; Rhetoric

Lettering

See also in amount

books; Monegrams

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#### Librarians

See also Library administration
Librarianship see Library administration;
Library science

Libraries

See also Bibliography; Book clubs; Book collecting; Books; Books and reading; Catalogs, Library; Fiction in libraries; Home libraries; Librarians; Mechanics' institutes; Medical libraries; Reference books; School libraries; Shelving (for books); Sunday school libraries; Taxation, Exemption from; also headings beginning Libraries and Library, names of libraries, and names of cities, subhead Libraries

—Children's

See also Children's literature; Libraries and schools; School libraries

## -College

----Home, see Home libraries

- -Medical, see Medical libraries
- ----Municipal reference

-Private

See also Book collecting

## ----Public

----School, see School libraries

---Sunday school, see Sunday school libraries

---Traveling

See also Library post

— U. S.

—University, see Libraries, College Libraries and children see Libraries, Children's Libraries and fiction see Fiction in libraries Libraries and pictures

Libraries and schools

See also Children's literature; Libraries, Children's; School libraries

## Library administration

See also Fiction in libraries; Library science

Library architecture

See also Shelving (for books)

Library buildings see Library architecture Library bulletins

Library catalogs see Catalogs, Library Library commissions
Library economy see Library science
Library fittings and supplies

Library fittings and supplies

See also Shelving (for books)

Library laws Library post

See also Parcels post

# Library schools and training Library science

See also Bibliography; Bookbinding; Cataloging; Classification; Libraries; Library administration; Library bulletins; Library schools and training Refer from Biography; Libraries

Refer from Bibliography; Books; Books and reading; Circulating libraries (s); Education; Library science; Literature

Refer from Child study; Children; Children's libraries (s); Children's literature; Libraries and children (s); Libraries and schools; Schools and libraries (s)

Refer from College libraries (s); Libraries, University (s); University libraries (s)

Refer from Municipal reference libraries (s)

Refer from Book collecting; Private libraries (s)
Refer from Public libraries (s)

Refer from Traveling libraries (s) Refer from U. S.— Libraries (s)

## Refer from Pictures

Refer from Children's literature; Education; Libraries, Children's; Public schools; School libraries; Schools; Schools and libraries (s)

Refer from Librarians; Librarianship (s); Library science

Refer from Architecture; Library buildings (s); Public buildings

Refer from Advertising; Bulletins, Library (s); Library science

#### Refer from Furniture

Refer from Libraries, Traveling; Parcels post; Postal service

Refer from Library science; Library training (s); Professional education

Refer from Cataloging; Classification; Librarianship (s); Library administration; Library economy (s); Professions

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Library training see Library schools and training Librettos see Opera — Librettos License system see Liquor laws; Liquor traffic Lichens

See also Cryptogams

Liens

See also Attachment; Mortgages

Lies see Lying

Life [for use when neither Biology nor Conduct

of life is applicable]

See also Animism; Biology; Christian life and character; Conduct of life; Death; Ethics; Future life; Hygiene; Longevity; Man; Philosophy; Spiritual life; Standard of living; Vital statistics; Vitalism -Origin

See also Biology; Spontaneous generation

Life-boats see Lifeboats

Life in other worlds see Plurality of worlds

Life insurance see Insurance, Life

Life-saving See also Accidents; Beacons; Drowning; Firemen; Fires; First aid in illness and injury; Lifeboats; Lighthouses; Lightning conductors; Safety devices; Shipwrecks Lifeboats

Lifts see Elevators; Hoisting machinery Light

See also Aberration; Absorption of light; Color; Color blindness; Diffraction; Ether (of space); Eye; Heliotropism; Interference (light); Lighting; Magneto-optics; N rays; Optical illusions; Optical instruments; Perspective; Phosphorescence; Photochemistry; Photography; Photometry; Phototherapy; Physics; Polarization (light); Radiation; Radioactivity; Rainbow; Reflection (light); Refraction; Sight; Spectra; Spectrum analysis; Sun; X rays; Zodiacal light

Light cure see Phototherapy Light operas see Operettas

Lighthouses

See also Beacons

Lighting

See also Acetylene; Candles; Car heating, lighting and ventilation; Electric lighting; Gas; Gas lighting; Incandescent gas-lighting; Lamps; Lighthouses; Petroleum; Photometry; also names of cities, subhead Lighting

Lightning See also Atmospheric electricity; Electricity; Lightning conductors; Thunderstorms

Lightning conductors

Lightning rods see Lightning conductors

See also Briquets; Coal

Refer from Cryptogams; Mosses

Refer from Attachment; Assignments; Bailments; Commercial law; Incumbrances (s); Law; Mechanics' liens (s); Property; Real estate

Refer from Conduct of life; Ethics; Man; Metaphysics; Philosophy

Refer from Biology; Evolution; Origin of life (s)

Refer from Accidents; Drowning; Shipwrecks

Refer from Boats and boating; Life-boats (s); Life-saving; Navigation; Shipwrecks

Refer from Aberration; Absorption of light; Color; Diffraction; Eye; Interference (light); Optics (s); Photometry; Physics; Radiation; Reflection (light); Refraction; Senses and sensation; Spectra; Vibration; Waves

Refer from Beacons; Civil engineering; Hydraulic engineering; Life-saving; Lighting; Navigation

Refer from Illumination (s); Light; Municipal improvement; Street lighting (s)

Refer from Accidents; Atmospheric electricity; Electricity; Meteorology; Thunderstorms

\*Refer from Electric conductors; Life-saving; Lightning; Lightning rods (s); Safety devices

Refer from Coal; Fuel

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Lilies

See also Floriculture

Lily see Lilies

See also Cement

Limericks

See also Nonsense verse

Limestone

See also Building stones; Chalk; Marble

Limitations (law)

See also Possession (in law)

Limnobiology see Fresh-water life

Linen

See also Fibers; Flax; Hemp; Textile industry and fabrics

Linguistics see Language

Link motion

See also Mechanical movements: Valves and valve gears

Linoleum

Linotype see Typesetting machines

Lions

See also Carnivora

Lip reading

See also Deaf and dumb

Liquefaction of gases

See also Chemistry, Physical; Liquid air

Liqueurs see Liquors

See also Chemistry, Physical; Liquefaction of gases

Liquid fuel

See also Alcohol, Denatured; Gas and oil

engines; Gasoline; Petroleum

Liquids

See also Boiling points; Capillarity; Fluids; Hydraulics; Hydrodynamics; Hydrostatics; Jets; Liquid air; Liquid fuel; Soap bubbles; Solution (chemistry); Splashes; Viscosity Liquor habit see Alcoholism; Liquor problem

Liquor laws

See also Dispensary system; Gothenburg system; Internal revenue laws; Liquor traffic; Local option; Prohibition

Liquor problem

See also Alcoholism; Canteens (army); Liquor laws; Liquor traffic; Local option; Prohibition; Temperance

Liquor traffic

See also Brewing; Canteens (army); Dispensary system; Gothenburg system; Liquor laws; Liquor problem; Local op-tion; Prohibition; Temperance

Liquors

See also Adulterations; Alcohol; Ale; Beer; Beverages; Brandy; Brewing; Dis-tillation; Fermentation; Kumiss; Temperance; Wine

Refer from Floriculture; Flowers; Lily (s)

Refer from Cement; Fertilizers and manures

Refer from Humor; Nonsense verse

Refer from Building stones; Chalk: Rocks

Refer from Actions at law; Debt; Law; Possession (in law); Statute of limitations (s)

Refer from Fibers; Flax; Hemp; Textile industry and fabrics

Refer from Mechanical movements; Steam engines; Valves and valve gears Refer from Carpets; Floors; Manufactures

Refer from Carnivora: Hunting

Refer from Deaf and dumb; Speech

Refer from Chemistry, Physical; Gases; Heat; Liquid air; Physics

Refer from Air; Air, Liquid (s); Chemistry, Physical; Liquefaction of gases; Liquids; Physics; Refrigeration and refrigerating machinery

Refer from Fuel; Gas and oil engines; Liquids; Marine engines; Petroleum

Refer from Capillarity; Fluids; Mechanics; Physics

Refer from High license (s); Law; License system (s); Liquor problem; Liquor traffic; Local option; Prohibition; Temperance

Refer from Alcohol; Alcoholism; Drink question (s); Drunkenness (s); Inebriates (s); Intemperance (s); Intoxication (s); Liquor habit (s); Liquor traffic; Local option; Pro-hibition; Saloons (s); Social problems; Tem-

Refer from Alcohol; High license (s); License system (s); Liquor laws; Liquor problem; Saloons (s); Temperance

Refer from Adulterations; Agricultural products; Alcohol; Ale; Beer; Beverages; Brandy; Brewing; Distillation; Drinks (s); Food; Intoxicants (s); Liqueurs (s); Manufactures;

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Litanies

See also Liturgies Literary blunders see Errors and blunders Literary

Literary collaboration see Collaboration Literary criticism see Critisicm; Literature — History and criticism

Literary forgeries and mystifications See also Errors and blunders, Literary;

Plagiarism; Shakespeare, William - Forgeries

Literary frauds see Literary forgeries and mystifications Literary history see Bibliography; Literature - History and criticism Literary men see Authors; Students Literary property see Copyright Literary societies

See also Study clubs

Literature

See also Allegories; Allusions; Anagrams; Anecdotes; Art in literature; Authors; Authorship; Ballads; Bestiaries; Bible—Literary character; Bibliography; Books; Books and reading; Booksellers and bookselling; Catholic literature; Chapbooks; selling; Catholic literature; Chapbooks; Children in literature and art; Children's literature; Classicism; Commonplace books; Copyright; Criticism; Dialogues; Drama; Editorials; Emblems; Epigrams; Epitaphs; Errors and blunders, Literary; Essays; Esthetics; Fables; Fairy tales; Fiction; Folklore; Horn books; Humanism; Humor; Hymns; Idealism in literature; Indexes; Inscriptions: Lournalism: Language: Legislation Inscriptions; Journalism; Language; Legends; Letters; Libraries; Literary forgeries and mystifications; Manuscripts; Maxims; Mottoes; Naturalism in literature; Nature in literature; Newspapers; Orations; Parodies; Periodicals; Plagiarism; Plots (drama, novel, etc.); Poetry; Printing; Prose; Proverbs; Publishers and publishing; Quotations; Readers; Realism in literature; Recitations and readings; Religious literature; Renaissance; Rhetoric; Riddles; Romances; Romanticism; Sacred books; Sagas; Satire; Sermons; Short stories; Symbolism in literature; Tracts; Translation; Women in literature and art; also names of literatures and groups of literatures, e.g. American literature; Celtic literature; Classical literature; English literature; European literature; Oriental literature; Romance literature; Scandinavian literature; Slavic literature

-Collections See also Recitations and readings History and criticism See also Book reviews; Criticism

Immoral Medieval, see Middle ages — Literature Spirituous liquors(s); Stimulants; Temperance; Wine

Refer from Liturgies; Prayers; Worship

Refer from Errors and blunders, Literary; Forgeries (s); Forgery; Frauds, Literary (s); Imposture; Literary frauds (s); Literature; Plagiarism

Refer from Societies; Study clubs

Refer from Authors; Belles-lettres (s); Bibliography; Books; Books and reading; Drama; European literature; Language; Poetry; Prose

Refer from Recitations and readings

Refer from Appraisal of books (s); Book reviews; Books — Appraisal (s); Criticism; Evaluation of literature (s); Literary criticism (s); Literary history (s) Refer from Ethics; Immoral literature (s)

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Literature — Continued Study and teaching

Lithography See also Chromolithography: Engraving: Photolithography; Zincography

Lithology see Rocks Lithozincography see Zincography Littoral rights see Riparian rights

Šee also Breviaries; Church services; Hymns; Litanies; Mass; Missals; Prayer books; Prayers; Responsive worship; Rites and ceremonies; Ritualism; Worship; also names of churches, e.g. Catholic church—Liturgy and ritual, Church of England— Liturgy and ritual

Live stock See also Barns and stables; Breeding; Cattle; Cowboys; Cows; Domestic animals; Feeding and feeding stuffs; Grazing; Horse; Insurance, Casualty; Oxen; Poultry; Sheep; Swine; Veterinary medicine
—Transportation, see Animals — Transpor-

tation

Liver

See also Digestive system; Glands

## Livery

Lives see Biography; also names of individuals and classes of persons
Living, Cost of, see Cost of living
Living, Standard of, see Standard of living Living expenses see Cost of living Loadstone see Lodestone Loan associations see Building and loan associations

Loans

See also Debt; Finance; Interest; Investments; Mortgages; Repudiation; Securities

Lobbying

See also Political corruption

Local government

See also Boroughs; Cities; Coroners; County officers; Gilds; Home rule; Municipal government; Town meeting; Town officers; Towns; Village communities; Villages

Local option

See also Liquor laws; Liquor problem; Prohibition

Lockjaw see Tetanus Lockouts see Strikes and lockouts Locks (canals) see Canals — Locks Locks and keys Locomotion

See also Aeronautics; Animal locomotion; Automobiles; Boats and boating; Carriages; Coaches and coaching; Cycling; Driving; Flight; Horsemanship; Navigation; Rowing; Running; Sailing; Skating; Transportation; Travel; Walking

Refer from Art; Chromolithography; Engraving

Refer from Breviaries; Church ceremonies (s); Church music; Church services; Devotional exercises; Litanies; Missals; Prayer books; Prayers; Religious services (s); Re-sponsive worship; Rites and ceremonies; Ritual (s); Service-books (s); Worship

Refer from Agriculture; Animal industry (s); Breeding; Cattle; Domestic animals; Farm animals (s); Feeding and feeding stuffs; Horse; Oxen; Sheep; Stock breeding (s); Stock farming (s); Stock raising (s); Swine

Refer from Abdomen; Digestive system; Glands; Viscera

Refer from Costume; Gilds; Servants; Uniforms

Refer from Commerce; Credit; Debt; Debts, Public; Finance; Investments

Refer from Legislation; Political corruption; **Politics** 

Refer from Boroughs; County officers; Government; Municipal government; Selfgovernment (s); State governments; Town meeting; Towns; Village communities; Vil-

Refer from County option (s); Liquor laws; Liquor problem; Liquor traffic; Prohibition; Temperance

Refer from Hardware; Keys (s)

Refer from Motion

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gionisia a

Locomotives

See also Electric locomotives; Railroads; Steam engines; Traction engines

Locusts

See also Cicadas; Orthoptera

Lodestone

Lodging houses See also Hotels

## Log cabins

Logarithms

See also Functions; Mathematics - Tables, etc.; Slide rule; Surveying; Trigonometry

Logging see Lumber and lumbering

Logic

See also Analogy; Certainty; Debating; Evidence; Fallacies; Probabilities; Reason

## Lollards

Longevity

See also Old age; Vital statistics

Longitude see Latitude and longitude Looking-glasses see Mirrors Looms

See also Weaving

Lord chancellors see Chancellors, Lord Lord's prayer

See also Bible - New Testament - Matthew; Bible - New Testament - Luke

Lord's supper

See also Church membership; Close communion; Jesus Christ; Mass; Passover; Sacraments; Transubstantiation

Lost tribes of Israel see Jews - Lost tribes **Ł**otteries

See also Probabilities

Lotus

Louisiana purchase

See also Lewis and Clark expedition; Mississippi Valley; U. S.— History — 1783-1812

Louvre

See also Paris - Galleries and museums

See also Charity; Courtship; Friendship; Jealousy; Love poetry; Marriage; Mothers

Refer from Engines; Machinery; Mechanical engineering; Motors; Railroads; Railroads—Equipment and supplies; Railroads—Rolling stock; Steam engines

Refer from Grasshoppers (s); Insects, Injurious and beneficial; Orthoptera

Refer from Iron ores; Loadstone (s); Magnetism; Magnetite (8)

Refer from Apartment houses; Hotels; Housing problem; Tenement houses

Refer from Architecture, Domestic; Cabins, Log (s); Cottages

Refer from Algebra; Mathematics — Tables, etc.; Surveying; Tables, Mathematical (s); Trigonometry

Refer from Argument (s); Debating; Dialectics (s); Evidence; Fallacies; Induction (logic) (s); Intellect; Philosophy; Probabilities; Proof (s); Psychology; Reason; Reasoning (s); Science; Syllogisms (s); Thought and thinking

Refer from England - Religious history;

Refer from Age; Aged (s); Biology; Centenarians (s); Hygiene; Life; Man; Old age; Pathology; Physiology

Refer from Machinery; Textile factories; Weaving

Refer from Bible; Bible — New Testament - Matthew; Bible — New Testament — Luke; Devotional exercises; Prayer; Prayers

Refer from Altars; Christian antiquities; Church membership; Church polity; Close communion; Communion (s); Confirmation; Devotional exercises; Eucharist (s); Jesus Christ; Mass; Passover; Real presence (s); Sacraments; Theology; Transubstantiation

Refer from Crime and criminals; Ethics; Gambling Refer from Egypt - Religion; Flowers

Refer from U. S.— Annexations; U. S.— History — 1783-1812

Refer from Art — Galleries and museums; Palaces; Paris — Galleries and museums

Refer from Affection (s); Charity; Courtship; Emotions; Ethics; Friendship; Jealousy; Marriage; Women

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Love, Courts of, see Courts of love

Love poetry

Low German language

See also Dutch language; Flemish language; Germanic languages; Old Saxon language

Lower Silurian period see Geology, Stratigraph-

ic — Ordovician Loyalists, American

See also U. S .- History - Revolution

Loyalty

See also Patriotism

Lubricants see Lubrication and lubricants Lubrication and lubricants

See also Bearings (machinery); Friction; Oils and fats

Lucerne (plant) see Alfalfa Luck see Chance; Fate and fatalism; Success Luddites

See also Machinery in industry

Luggage see Baggage Lullabies

Lumber and lumbering

See also Forests and forestry; Sawmills; Timber; Woodworking machinery

Lumbering see Lumber and lumbering Luminiferous ether see Ether (of space) Lunacy see Insanity Lunar eclipses see Eclipses Lunar theory see Moon Lunatic asylums see Insane hospitals Luncheons

See also Cookery; Menus; Sandwiches; School lunches

School lunci

See also Auscultation; Breathing; Cough; Pneumonia; Respiratory organs; Tuberculo-

Lutheran church

See also Germany — Religious history; Reformation — Germany

Luxations see Dislocations

See also Consumption (economics); Leisure class; Standard of living; Sumptuary laws; Wealth

Lycanthropy see Werwolves Lyceums

See also Lectures and lecturing

Lying

See also Equivocation; Truth

Lynch law

See also Vigilance committees

Refer from Love; Poetry; Poetry of love (s)

Refer from German language — Dialects; Germanic languages; Old Saxon language; Plattdeutsch (s)

Refer from American loyalists (s); Biography; Tories, American (s); United empire loyalists (s); U. S.—Biography; U. S.—History—Revolution

Refer from Conduct of life; Ethics; Fidelity (s); Patriotism

Refer from Bearings (machinery); Friction; Grease (s); Lubricants (s); Machinery; Mechanical engineering; Oils and fats

Refer from Labor and laboring classes — England; Machinery in industry

Refer from Cradle songs (s); Folk songs; Slumber songs (s); Songs

Refer from Clearing of land; Forest products; Forests and forestry; Logging (s); Lumbering (s); Timber; Trees; Wood

Refer from Cookery; Eating; Entertaining; Home economics; Meals (s); Menus; Table

Refer from Breathing; Chest; Pneumonia; Respiratory organs; Tuberculosis

Refer from Evangelical Lutheran church (s); Germany — Religious history; Reformation — Germany; Sects

Refer from Economics; Leisure class; Standard of living; Wealth

Refer from Education; Lectures and lecturing

Refer from Equivocation; Ethics; Falsehood (s); Lies (s); Truth

Refer from Capital punishment; Crime and criminals; Crowds; Law; Lynching (s); Mobs (s); Riots; Vigilance committees

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Lynching see Lynch law Lyric poetry

See also Ballads; Hymns; Minnesingers; Odes; Songs; Sonnets Macadamized roads see Roads, Macadamized

Macaronic verse Machine design

See also Bearings (machinery); Belting; Bolts and nuts; Cams; Chains; Drafting room practice; Gearing; Machine shop practice; Machinery; Mechanical drawing; Mechanical movements; Screws

Machine guns see Guns

Machine shop management

See also Machine shop practice; Scientific management

Machine shop practice

See also Drafting room practice; Drilling (perforating); Dynamos; Engines; Forging; Foundry work; Grinding and polishing; Lathes; Machine design; Machine shop management; Machine tools; Machinery; Mechanical engineering; Pattern making; Planing machines; Sheet-metal work; Welding Machine shops

See also Machine shop management;

Machine shop practice

Machine tools

See also Abrasives; Drilling (perforating); Electric driving; Grinding and polishing; Lathes; Machine shop practice; Milling machines; Planing machines; Punching machinery; Screw machines; Tool steel

Machinery

See also Bearings (machinery); Belting; Calculating machines; Conveying machinery; Cranes, derricks, etc.; Cranks (machinery); Electric engineering; Electric machinery; Engineering; Engines; Excavat-ing machinery; Fans, Mechanical; Farm ing machinery; rans, Mechanical; rarm implements and machinery; Friction; Gearing; Hoisting machinery; Hydraulic engineering; Hydraulic machinery; Inventions; Kinematics; Lathes; Locomotives; Looms; Lubrication and lubricants; Machine design; Machine shop practice; Machine tools; Machinery in industry; Manufactures: Mechanical engineering: Mechanical engineering: Mechanical factures; Mechanical engineering; Mechanical movements; Mechanics; Milling machines; Mills and millwork; Mining machinery; Motors; Patents; Pattern making; Planing machines; Power transmission; Printing presses; Pulleys; Pumps; Refrigeration and refrigerating machinery; Screw machines; Screws; Sewing machines; Shafting; Steam engines; Tabulating machines; Timekeepers; Tools; Typesetting machines; Valves and valve gears; Water wheels; Wheels; Windmills; Woodworking machinery

Machinery in industry See also Luddites

Refer from Ballads; Odes; Poetry; Songs; Sonnets

Refer from Humor; Poetry

Refer from Bearings (machinery); Belting; Bolts and nuts; Cams; Chains; Design, Machine (s); Drafting room practice; Gearing; Machine shop practice; Machinery; Mechanical drawing; Mechanical engineering; Mechanical movements; Mechanics, Applied; Screws

Refer from Machine shop practice; Machine shops; Management of factories, shops, etc. (s); Scientific management; Shop management (s); Works management (s)

Refer from Drilling (perforating); Grinding and polishing; Industrial arts; Lathes; Machine design; Machine shop management; Machine shops; Machine tools; Machinery; Mechanical engineering; Shop practice (s)

Refer from Architecture; Shops (s)

Refer from Lathes; Machine shop practice; Machinery; Mechanical engineering; Milling machines; Planing machines; Screw machines;

Refer from Engineering; Industrial arts; Instruments; Machine design; Machine shop practice; Machines (s); Manual training; Manufactures; Mechanical engineering; Mechanical movements; Mechanics; Mechanism (s); Mills and millwork; Motors; Power; Power transmission; Tools; Wheels

Refer from Industry; Labor and laboring classes; Labor and machinery (s); Luddites; Machinery; Manufactures

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Machines see Machinery
Madness see Insanity
Madonna see Mary, Virgin; Madonnas
Madonnas
See also Christian art and symbolism

Maffia see Mafia

See also Camorra; Sicily

Magazines see Periodicals
Magi

Magic

See also Conjuring; Evil eye; Occult sciences; Witchcraft

Magic lantern see Stereopticon Magic squares

Magistrates

See also Judges; Justices of the peace; Kings and rulers; Monarchy

## Magna charta

Magnetic needle see Compass
Magnetic observations see Magnetism, Terrestrial — Observations
Magnetic separation of ores

Magnetic surveys see Magnetism, Terrestrial

— Observations

Magnetic variations see Magnetism, Terrestrial

Magnetism

See also Animal magnetism; Compass;
Diamagnetism; Electricity; Electromagnets;

Diamagnetism; Electricity; Electromagnets; Lodestone; Magnetic separation of ores; Magneto-optics; Physics
—Terrestrial

See also Auroras; Compass

### Observations

Magnetite see Lodestone Magneto-optics

See also Electrons; Polarization (light)

Magyar language see Hungarian language Magyar literature see Hungarian literature Mahommedanism see Mohammedanism Mahrattas

See also Ethnology - India

Mail see Postal service
Mail order business
See also Advertising

Maize see Corn Majolica See also Pottery Refer from Art; Christian art and symbolism; Jesus Christ in art; Madonna (s); Mary, Virgin; Mary, Virgin, in art (s); Paintings; Virgin Mary in art (s)

Refer from Camorra; Crime and criminals; Maffia (s); Secret societies; Sicily

Refer from Christmas; Jesus Christ — Birth; Wise men of the East (s)

Refer from Conjuring; Demonology; Illusions and hallucinations; Necromancy (s); Occult sciences; Superstition; Witchcraft

Refer from Mathematical recreations; Numbers; Squares, Magic (s)

Refer from Government; Judges; Law; Lawyers

Refer from Charters; England — Constitution; England — History — Plantagenets

Refer from Electrometallurgy; Magnetism; Metallurgy; Ore treatment

Refer from Diamagnetism; Electricity; Paramagnetism (s); Physics

Refer from Auroras; Compass; Earth; Magnetic variations (a); Physical geography; Terrestrial magnetism (s)

Refer from Magnetic observations (s); Magnetic surveys (s); Observations, Magnetic (s)

Refer from Light; Magnetism; Polarization (light)

Refer from Ethnology — India; India; Marathas (s)

Refer from Advertising; Business; Department stores

Refer from Pottery

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Make-up, Theatrical

See also Acting; Cosmetics

Making-up, Theatrical, see Make-up, Theatrical Malacology see Mollusks Malaria

See also Mosquitoes

Malarial fever see Malaria See also Head-hunters Malpractice

Malt

See also Beer; Brewing Malta, Knights of

Malthusianism

See also Population

**Mammals** 

See also Carnivora; Cetacea; Fur-bearing animals; Insectivora; Marsupialia; Primates; Quadrupeds; Rodents; Ungulata; Vertebrates; Zoology; also names of mammals, e.g. Bats, Elephants, Seals (animals)

Mammoths

See also Paleontology

See also Anatomy; Anthropogeography; Anthropology; Anthropometry; Archaeology; Cannibalism; Civilization; Color of man; Creation; Dwarfs; Environment; man; Creation; Dwarfs; Environment; Ethics; Ethnology; Eugenics; Evolution; Family; Folklore; Future life; Giants; Heredity; History; Hygiene; Life; Longevity; Manners and customs; Men; Monsters; Paleontology; Phrenology; Physiognomy; Physiology; Psychology; Race problems; Religion; Savages; Sex; Sociology; Soul; Vital statistics; Women; also names of races -Antiquity, see Man — Origin and antiquity

-Natural history, see Anthropology

-Origin and antiquity

See also Anatomy, Comparative; Archaeology; Cave dwellers; Creation; Evolution; Geology; Glacial period; Industries, Primitive; Lake dwellers and lake dwellings; Missing link; Stone age

Man with the iron mask see Iron Mask Management of children see Children -Management

Management of factories, shops, etc., see Factory management; Machine shop management; Scientific management

Refer from Acting; Actors; Amateur theatricals; Cosmetics; Making-up, Theatrical (s); Stage make-up (s); Theater; Theatrical make-up (8)

Refer from Ague (s); Chills and fever (s); Fever; Hygiene, Public; Malarial fever (s); Mosquitoes; Pathology

Refer from Ethnology Refer from Medical jurisprudence; Medicine

Refer from Ale; Beer; Brewing; Enzymes
Refer from Chivalry; Hospitallers (s);
Knights and knighthood; Knights hospitallers (s); Knights of Malta (s); Knights of Rhodes (s); Knights of St. John of Jerusalem (s); Order of Malta (s); Order of St. John of Jerusalem (s); Religious orders; St. John of Jerusalem, Order of (s); Secret societies

Refer from Population

Refer from Bats; Carnivora; Cetacea; Elephants; Insectivora; Marsupialia; Primates; Quadrupeds; Rodents; Ungulata; Vertebrates; Zoology

Refer from Elephants; Paleontology

Refer from Anthropology; Civilization; Ethnology; History; Human race (s); Life; Men; Natural history; Philosophy; Physiology; Primates; Sociology; Zoology

Refer from Anatomy, Comparative; Antiquity of man (s); Archaeology; Creation; Evolution; Geology; Glacial period; Man—Antiquity (s); Origin of man (s); Preadamites (s); Prehistoric man (s); Primitive man (s); Stone age

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Mandamus

Maneuvers, Military, see Military maneuvers Manganese

See also Metals

Mania see Insanity Manicheism

See also Philosophy, Persian

Manicuring

Manly exercise see Gymnastics; Physical education; Sports

Manners see Courtesy; Etiquet

Manners and customs

See also Amusements; April fools' day; Archaeology; Bohemianism; Burial; Cannibalism; Caste; Costume; Drinking customs; Dueling; Eating; Ethnology; Etiquet; Folklore; Funeral rites and ceremonies; Halloween; Holidays; Kissing; Marriage customs and rites; Mourning customs; National characteristics; Ordeals; Punishment; Rites and ceremonies; Salutations; Slang; Society; Tattooing; Tipping; Toasts; Valentine's day; Vendetta; also names of countries and cities, subhead Social life and customs

Manoeuvres, Military, see Military maneuvers

Manors

See also Feudalism

Mantels

See also Fireplaces

Manual training

See also Arts and crafts; Basketwork; Busy work; Cardboard construction; Carpentry; Drawing; Handicraft; Industrial education; Machinery; Modeling; Needlework; Paper work; Technical education; Trade schools; Weaving; Wood carving; Woodwork

Manufacturers
Manufactures

See also Automobiles; Beverages; Boots and shoes; Box making; Buttons; Cables; Candles; Carriages; Cars; Chains; Chemistry, Technical; Clocks and watches; Clothing; Commerce; Confectionery; Cooperage; Cost accounting; Cutlery; Explosives; Factories; Factory system; Flour and flour mills; Fuel; Furniture; Gas; Glass manufacture; Hardware; Harness; Hats; Industrial arts; Iron industry; Labor and laboring classes; Lace; Leather; Linoleum; Liquors; Machinery; Machinery in industry; Manufacturers; Matches; Metal work; Metals; Mills and millwork; Paper; Patents; Pens; Perfumery; Pins and needles; Pottery; Prices; Receipts; Rope; Rubber; Scientific management; Soap; Stationery; Steel industry; Sweating system; Technology; Textile industry and fabrics; Timekeepers; Tobacco—Manufacture and trade; Trade-marks; Tubes; Waste products; also names of countries and states, subhead Industries and resources, and names of cities, subhead Industries

Refer from Law

Refer from Metals

Refer from Dualism; Philosophy; Philosophy, Persian; Theology Refer from Hand; Toilet

Refer from Anthropology; Archaeology; Ceremonies (s); Civilization; Customs (s); Ethics; Ethnology; Etiquet; Folklore; Man; Rites and ceremonies; Social life and customs (s); Sociology; Usages (s)

Refer from Feudalism; Land tenure; Middle

Refer from Fireplaces; House decoration

Refer from Arts and crafts; Education; Handicraft; Industrial arts; Industrial education; Slojd (s); Sloyd (s); Technical education; Woodwork

Refer from Biography; Manufactures

Refer from Business; Commerce; Commercial geography; Commercial products; Economics; Industrial arts; Machinery; Mills and millwork; Technology; Useful arts (s)

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Manures see Fertilizers and manures
Manuscripts

See also Archives; Charters; Illumination of manuscripts and books; Inscriptions; Paleography; Parchment; Writing

Maoris

See also Ethnology — New Zealand; New Zealand — History

Map drawing [elementary]

See also Topographical drawing

Maps

See also Atlases; Charts; Globes; Map drawing; Road maps; also names of countries, subhead Description and travel— Maps, and names of cities, subhead Description—Maps

Marathas see Mahrattas

Marble

See also Building stones

## Marbling

Marches (exercise) see Drills and marches Marches (music)
Marconigrams see Wireless telegraphy
Marine architecture see Shipbuilding
Marine biology

Marine biology
See also Algae; Aquatic plants; Dredging;
Marine zoology; Plankton

Marine boilers see Boilers, Marine Marine botany see Algae; Aquatic plants **Marine engineering** 

See also Boilers, Marine; Marine engines; Propellers; Shipbuilding; Steam navigation; Steam turbines

Marine engines

See also Boilers, Marine; Gas and oil engines; Liquid fuel; Marine engineering; Steam engines; Steam turbines
Marine fauna see Marine zoology
Marine flora see Algae; Aquatic plants
Marine hospitals see Hospitals, Naval and marine

Marine insurance see Insurance, Marine

Marine law see Maritime law

Marine life see Marine biology; Seafaring life

Marine painting

See also Painting
Marine plants see Algae; Aquatic plants
Marine surveying see Hydrography
Marine zoology

See also Aquariums; Brachiopoda; Cetacea; Coelenterata; Crustacea; Dredging; Echinodermata; Fish; Fresh-water fauna; Marine biology; Mollusks; Ocean; Plankton; Polyzoa; Protozoa; Seals (animals); Seashore; Sponges

Mariner's compass see Compass Marionettes see Puppet plays

Maritime law

See also Admiralty; Collisions at sea; Contraband of war; Impressment; InsurRefer from Archives; Autographs; Bibliography; Books; History — Sources; Inscriptions; Literature; Paleography; Papyri (s); Writing

Refer from Ethnology — New Zealand; New Zealand

Refer from Drawing; Geography; Maps; Topographical drawing

Refer from Atlases; Cartography (s); Chartography (s); Charts; Geography

Refer from Building stones; Limestone; Sculpture; Stone Refer from Bookbinding; Painting, Mechani-

cal; Paper

Refer from Instrumental music

Refer from Aquatic life (s); Aquatic plants; Biology; Dredging; Marine life (s); Marine zoology; Ocean; Ocean life (s); Plankton; Sea life (s); Seashore; Thalassography (s)

Refer from Boilers, Marine; Engineering; Engineering, Marine (s); Marine engines; Mechanical engineering; Naval engineering (s); Steam navigation

Refer from Boilers, Marine; Engines; Marine engineering; Shipbuilding; Steam engines; Steam navigation; Steamboats

Refer from Painting

Refer from Aquatic animals (8); Deep-sea fauna (8); Dredging; Fish; Marine biology; Marine fauna (8); I.follusks; Ocean; Pelagic fauna (8); Plankton; Seashore; Zoology

Refer from Admiralty; Commerce; Commercial law; Dominion of the sea (s); International

V compared to the second

ance, Marine; International law; Mutiny; Neutrality; Pirates; Privateering; Prizes (international law); Salvage; Search, Right of; Shipping; Steamboat inspection Maritime power see Sea power Maritime surveying see Hydrography Mark (land) See also Village communities

Market gardening

See also Agriculture; Gardening; Greenhouses; Vegetables

# Marketing

Marketing of farm produce See also Agriculture; Farm management

Markets

See also Slaughtering and slaughter-houses; also names of cities, subhead Markets Marks (land) see Mark (land) Marks, Artists', see Artists' marks Marks, Goldsmiths', see Hall marks Marks, Printers', see Printers' marks Maroons

## Marprelate controversy

Marquetry see Inlay Marriage

See also Adultery; Celibacy; Chastity; Consanguinity; Courtship; Divorce; Domestic relations; Eugenics; Family; Husbands; Illegitimacy; Love; Marriage customs and rites; Marriages, International; Polyandry; Polygamy; Sex; Sexual ethics; Wedding anniversaries; Weddings; Wives; Women

Marriage customs and rites See also Weddings

Marriage records see Vital records Marriage statistics see Vital statistics Marriages, International

Marsh gas see Fire damp Marshes

See also Drainage; Reclamation of land

Marsupialia

See also Mammals

Martial law

See also Courts martial; Habeas corpus; Military government; Military law

Martial music see Military music

Martyrs
See also Christian biography; Church history; Inquisition; Persecution; Saints

law; Law; Marine law (s); Navigation laws (s); Privateering; Prizes (international law); Salvage; Search, Right of; Shipping

Refer from Commons; Land tenure; Marks (land) (s); Village communities

Refer from Agriculture; Farm management; Gardening; Greenhouses; Truck farming (s); Vegetable gardening (s); Vegetables

Refer from Food; Home economics

Refer from Agricultural products; Agriculture; Commerce; Farm management; Farm products (s): Prices: Transportation

Refer from Business; Cities; Commerce; Food

Refer from Dutch Guiana; Fugitive slaves; Jamaica: Negroes

Refer from Church of England — Doctrinal and controversial works; England - Religious history; Puritans

Refer from Christian antiquities; Church law; Consanguinity; Courtship; Divorce; Domestic relations; Ethics; Eugenics; Family; Home; Husband and wife (s); Husbands; Law; Love; Matrimony (s); Polygamy; Rites and ceremonies; Sacraments; Sex; Sexual ethics; Social problems; Sociology; Weddings; Wives; Women; Women — Law

Refer from Bridal customs (s); Manners and customs; Marriage; Rites and ceremonies; Weddings

Refer from International marriages (s); Marriage

Refer from Bogs (s); Drainage; Fens (s); Morasses (s); Reclamation of land; Swamps (s)

Refer from Mammals; Pouched animals (s); Zoology — Australia

Refer from Habeas corpus; Law; Military art and science; Military government; Military law; War

Refer from Christian biography; Church history; Heresy; Heroes; Inquisition; Persecution; Saints

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Mary, Virgin
See also Immaculate conception; Jesus Christ; Madonnas

—Legends
Mary, Virgin, in art, see Madonnas
Masks (for the face) Masks (plays) see Masques (plays) Mason and Dixon's line

Masonry

See also Arches; Bricklaying; Bricks; See also Arches; Bricklaying; Bricks; Bridges; Building; Building stones; Cement; Concrete; Dams; Foundations; Plaster and plastering; Stereotomy; Stone; Stonecutting; Strength of materials; Vaulting; Walls Masons (secret order) see Freemasons

Masquerades

See also Balls (parties); Costume

## Masques (plays)

### Mass

See also Catholic church - Liturgy and ritual; Lord's supper; Masses (music); Missals; Transubstantiation

### Massacres

See also names of massacres, e.g. Boston massacre; St. Bartholomew's day, Massacre of; Sicilian vespers; Wyoming massacre Massage

See also Mechanotherapy; Swedish move-

ment cure

Masses (music) Master and servant

See also Apprentices; Domestic relations; Employers' liability; Servants Mastersingers see Meistersingers Matches

# Materia medica

See also Dispensatories; Drugs, and names of drugs; Medical botany; Medicines, Proprietary; Pharmacy; Pharmacopoeias; Therapeutics

Materialism

See also Animism; Encyclopedists; Epicureans; Evolution; Philosophy; Rationalism; Soul; Stoics

Materials, Strength of, see Strength of mate-

Maternity see Mothers

Mathematical drawing see Geometrical drawing; Mechanical drawing Mathematical geography see Geography,

Mathematical

Mathematical instruments

See also Calculating machines; Drawing instruments; Measuring instruments; Planimeter; Slide rule; Surveying instruments Mathematical notation see Notation (mathematics)

Mathematical recreations

See also Magic squares

Refer from Catholic church; Immaculate conception; Jesus Christ; Madonna (s); Miracles; Virgin Mary (s) Refer from Legends

Refer from Costume

Refer from Maryland - Boundaries; Pennsylvania - Boundaries; Slavery in the U. S.

Refer from Architecture; Bricklaying; Bricks; Bridges; Building; Building stones; Civil engineering; Concrete; Dams; Engineering; Foundations; Industrial arts; Stone; Strength of materials; Walls

Refer from Amusements; Balls (parties)

Refer from Drama; Masks (plays) (s); Theater

Refer from Altars; Catholic church; Catholic church — Liturgy and ritual; Eucharist (s); Liturgies; Lord's supper; Missals; Rites and ceremonies; Theology; Transubstantiation

Refer from Battles; History; Persecution

Refer from Mechanotherapy; Therapeutics

Refer from Church music; Mass; Music

Refer from Contracts; Domestic relations; Employers' liability; Law; Servants

Refer from Chemistry, Technical; Manufactures

Refer from Dispensatories; Drugs; Medical botany; Medicine; Medicines (s); Pharmacy; Pharmacopoeias; Remedies (in medicine) (s); Therapeutics

Refer from Animism; Atheism; Matter; Naturalism; Philosophy; Skepticism; Theology

Refer from Arithmetic; Arithmetical instruments (s); Instruments; Mathematics

Refer from Amusements; Mathematics; Scientific recreations

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Mathematical tables see Mathematics — Tables, etc.

Mathemáticians Mathematics

See also Algebra; Arithmetic; Astronomy; Axioms; Calculating machines; Calculus; Conic sections; Engineering; Equations; Errors, Theory of; Fourth dimension; Geodesy; Geography, Mathematical; Geometry; Groups, Theory of; Least squares; Mathematical instruments; Mathematical recreations; Mathematicians; Mechanics; Mensuration; Metric system; Navigation; Notation (mathematics); Numbers; Numerals; Physics; Probabilities; Quaternions; Ready-reckoners; Surveying; Trigonometry—Tables, etc.

See also Interest tables; Logarithms; Traverse tables

# Matriarchy

Matrimony see Marriage Matter

See also Atomic theory; Atoms; Capillarity; Compressibility; Dissociation; Dynamics; Elasticity; Electrons; Ether (of space); Force and energy; Gravitation; Hardness; Ions; Materialism; Molecules; Physics; Radioactivity; Solids; Specific gravity; Viscosity

Mausoleums see Tombs

Maxims

See also Epigrams; Proverbs; Quotations

May day Mayas

See also Central America — Antiquities; Guatemala; Indians of Central America; Indians of Mexico; Mexico — Antiquities; Yucatan

Meadows see Pastures and meadows Meals see Breakfasts; Dinners and dining; Eating; Food; Luncheons; Table

Measures see Mensuration; Weights and measures

Measuring instruments

See also Micrometer; Slide rule; Square
(instrument)

Meat

See also Animal food; Beef; Carving (meat, etc.); Cold storage; Cookery—Meat; Meat inspection; Packing industry; Slaughtering and slaughterhouses

Meat inspection

See also Food adulteration and inspection;
Slaughtering and slaughterhouses

Mechanic arts see Industrial arts
Mechanical draft

See also Blowing engines; Combustion; Fans, Mechanical; Smoke

Refer from Mathematics; Scientists

Refer from Algebra; Arithmetic; Conic sections; Geometry; Science; Trigonometry

Refer from Calculation — Aids (s); Logarithms; Mathematical tables (s); Readyreckoners; Tables, Mathematical (s)
Refer from Family; Government; Mothers; Women

Refer from Atoms; Compressibility; Dynamics; Gravitation; Mechanics; Metaphysics; Philosophy; Physics; Viscosity

Refer from Adages (s); Aphorisms (s); Apothegms (s); Epigrams; Laconics (s); Literature; Proverbs; Quotations; Sayings (s) Refer from Days; Festivals

Refer from Central America — Antiquities; Guatemala; Indians of Central America; Indians of Mexico; Mexico — Antiquities; Yucatan

Refer from Children — Diseases; Contagion and contagious diseases; Medicine — Practice

Refer from Mathematical instruments; Weights and measures

Refer from Animal food; Animal products; Beef; Food; Packing industry; Slaughtering and slaughterhouses

Refer from Food adulteration and inspection; Hygiene, Public; Inspection of meat (s); Meat; Packing industry; Slaughtering and slaughterhouses

Refer from Combustion; Draft, Mechanical (s); Draught, Mechanical (s); Fans, Me-

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Mechanical drawing

See also Architectural drawing; Drafting room practice; Drawing instruments; Geometrical drawing; Graphic statics; Graphics; Lettering; Machine design; Pattern making; Perspective; Projection

Mechanical engineering

See also Boilers; Electric engineering; Engineering; Engines; Friction; Fuel; Hydraulic engineering; Locomotives; Lubrication and lubricants; Machine design; Machine shop practice; Machine tools; Machinery; Marine engineering; Mechanical draft; Mechanical movements; Mechanics; Mechanics, Applied; Power plants; Power transmission; Steam engines

Mechanical fans see Fans, Mechanical

Mechanical movements

See also Cams; Gearing; Kinematics; Link motion; Machine design; Machinery; Mechanical engineering; Mechanics; Pullevs

Mechanical painting see Painting, Mechanical

Mechanics

See also Aeronautics; Animal mechanics; Dynamics; Elasticity; Engineering; Fluids; Force and energy; Friction; Gases; Graphic statics; Hydraulics; Hydrodynamics; Hydrostatics; Kinematics; Liquids; Machinery; Matter; Mechanical movements; Motion; Motors; Perpetual motion; Physics; Power; Pulleys; Statics; Steam engines; Strength of materials

Applied
See also Machine design; Mechanical engineering; Power transmission; Strains and stresses

Celestial

See also Astronomy; Moon; Orbits; Perturbation; Planets

Mechanics (persons) Mechanics' institutes

Mechanics' liens see Liens Mechanism see Machinery; Mechanical movements

Mechanotherapy See also Gymnastics, Medical; Massage; Osteopathy; Swedish movement cure

Medals

See also Decorations of honor; Numismatics Mediaeval see Medieval Medical anecdotes see Anecdotes, Medical

Medical biography see Physicians and surgeons

Medical botany

See also Botany, Economic; Dispensatories; Materia medica; Pharmacopoeias; Pharmacy; also names of medicinal plants, e.g. Ginseng

chanical; Furnaces; Mechanical engineering;

Refer from Architectural drawing; Drafting, Mechanical (s); Drafting room practice; Draughting, Mechanical (s); Drawing; Drawing instruments; Engineering; Geometrical drawing; Graphic statics; Graphics; Industrial

drawing (s); Machine design; Mathematical drawing (s); Machine design; Mathematical drawing (s); Pattern making; Projection

Refer from Applied mechanics (s); Civil engineering; Engineering; Engineering, Mechanical (s); Engines; Industrial arts; Machine shop practice; Machinery; Mechanical movements; Mechanics, Applied; Power

transmission

Refer from Gearing; Kinematics; Link motion; Machine design; Machinery; Mechanical engineering; Mechanics; Mechanism (s); Motion

Refer from Dynamics; Engineering; Fluids; Force and energy; Hydraulics; Hydrodynamics; Hydrostatics; Kinematics; Machinery; Mathematics; Mechanical engineering; Mechanical movements; Motion; Physics; Power; Statics

Refer from Applied mechanics (s); Engineering, Mechanical (s); Industrial arts; Mechanical engineering; Strains and stresses

Refer from Astronomy; Celestial mechanics (s); Orbits; Perturbation

Refer from Biography

Refer from Education; Industrial education; Labor and laboring classes; Libraries; Technical education

Refer from Gymnastics, Medical; Massage; Movement cure (s); Osteopathy; Swedish movement cure; Therapeutics

Refer from Archaeology; Badges of honor (s); Decorations of honor; History; Numismatics

Refer from Botany; Botany, Economic; Botany, Medical (s); Drugs; Herbs, Medicinal (s); Materia medica; Medicinal plants (s); Pharmacy; Plants, Medicinal (s); Poisonous

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Medical charities see Charities, Medical Medical chemistry see Pharmacy; Physiological chemistry Medical climatology see Climate; Medical geography

Medical colleges

See also Medicine - Study and teaching

Medical education see Medical colleges; Medicine - Study and teaching

Medical delusions

See also Medical folklore; Medicine men; Quacks and quackery Medical directories see Physicians and surgeons Medical electricity see Electrotherapeutics

Medical ethics

See also Physicians and surgeons

### Medical folklore

See also Medical delusions

Medical geography

See also Climate; Tropics - Diseases and hygiene

Medical gymnastics see Gymnastics, Medical Medical inspection of schools See also School hygiene; School nurses

Medical jurisprudence

See also Autopsy; Chemistry, Legal; Expert evidence; Identification; Infanticide; Insanity; Malpractice; Poisons; Suicide; Survivorship

Medical libraries

Medical missions see Missions, Medical Medical nomenclature see Medicine - Nomenclature

Medical research

See also Animal experimentation Medical schools see Medical colleges Medical societies

Medical superstition see Medical folklore Medical terminology see Medicine — Nomenclature

Medicinal plants see Medical botany Medicine

See also Accidents; Allopathy; Anatomy; Anecdotes, Medical; Anesthetics; Antiseptics; Autopsy; Bacteriology; Bible—Medicine, hygiene, etc.; Charities, Medical; Contagion and contagious diseases; Dentistry; Diagnosis; First aid in illness and intry; Diagnosis; First and in niness and in-jury; Germ theory of disease; Histology; Homeopathy; Hospitals; Hygiene; Hygiene, Public; Indians — Medicine; Inoculation; Invalids; Materia medica; Medicine and religion; Medicine men; Microscope and microscopy; Mind and body; Missions, Medical; Narcotics; Naval hygiene; Nurses and pursing: Pathology: Pharmacy: Physiand nursing; Pathology; Pharmacy; Physi-

Refer from Colleges and universities; Medical schools (s); Medical education (s); Medicine - Study and teaching

Refer from Delusions (s); Errors, Popular; Medical folklore; Medicine - History

Refer from Ethics; Ethics, Medical (s); Physicians and surgeons; Professional ethics (s)

Refer from Folklore; Folklore of medicine (s); Medical delusions; Medical superstition (s)

Refer from Climate; Geographical pathology (s); Geography; Geography, Medical (s); Medical climatology (s); Pathology; Tropics — Diseases and hygiene

Refer from Children - Care and hygiene; Hygiene; Hygiene, Public; School children; School hygiene; School nurses; Schools— Medical inspection (s)

Refer from Chemistry, Legal; Expert evidence; Forensic medicine (s): Insanire. dence; Forensic medicine (s); Insanity; Jurisprudence, Medical (s); Law; Legal medicine (s); Poisons

Refer from Libraries; Libraries, Medical (s)

Refer from Research; Scientific research

Refer from Societies

Refer from Homeopathy; Hygiene; Pathology; Physiology; Professions; Science; Surgery; Therapeutics



Medicine - Continued

cians and surgeons; Physiological chemistry; Physiology; Poisons; Quacks and quackery; Sanatoriums; Stimulants; Surgery; Therapeutics; Vaccination; Veterinary medicine; also headings beginning Medical

-Directories, see Physicians and surgeons

----Eclectic -----History

See also Epidemics; Medical delusions; Medicine, Medieval

-Medieval

See also Elixir of life

-Military

See also Battlefield relief; First aid in illness and injury; Military hygiene; Surgery, Military; also names of wars, subhead Medical and sanitary affairs

-Nomenclature

-Practice

See also Alcoholism; Apoplexy; Appendicitis; Asthma; Black death; Bones — Diseases; Bronchitis; Cancer; Catarrh; Children — Diseases; Cholera, Asiatic; Cold (disease); Contagion and contagious diseases; Croup; Deafness; Diabetes; Diagnosis; Diphtheria; Dyspepsia; Epilepsy; Erysipelas; Eye — Diseases and defects; Fever; Gout; Hay fever; Headache; Heatstroke; Hookworm disease; Hydrophobia; Hysteria; Idiocy; Influenza; Insanity; Insomnia; Leprosy; Malpractice; Measles; Meningitis; Mental diseases; Nervous system — Diseases; Neuralgia; Neurasthenia; Nurses and nursing; Obstetrics; Paralysis; Parasites; Pellagra; Plague; Pneumonia; Respiratory organs — Diseases; Rheumatism; Scarlet fever; Seasickness; Skin — Diseases; Sleeping sickness; Smallpox; Somnambulism; Surgery; Suspended animation; Tetanus; Therapeutics; Tropics — Diseases and hygiene; Tuberculosis; Tumors; Typhoid fever; Typhus fever; Yarioloid; Voice; Women — Diseases; Yellow fever

Study and teaching
See also Medical colleges

—Tropics, see Tropics — Diseases and hygiene

Medicine and religion

See also Emmanuel movement; Faith cure

Medicine men

See also Indians - Medicine

Medicines see Drugs; Materia medica; Medicines, Proprietary

Medicines, Proprietary

Refer from Eclectic medicine (s)

Refer from Medicine - History

Refer from Battlefield relief; Field hospitals (s); Military hygiene; Military medicine (s)

Refer from Medical nomenclature (s); Medical terminology (s); Names; Nomenclature (s); Terminology (s)

Refer from Clinical medicine (s); Diagnosis; Diseases (s); Pathology; Therapeutics; Women — Diseases

Refer from Education, Medical (s); Medical colleges; Medical education (s); Professional education

Refer from Church and healing (s); Emmanuel movement; Medicine; Religion and medicine (s)

Refer from Conjuring; Indians — Medicine; Medical delusions; Witchcraft

Refer from Drugs; Materia medica; Medicines (s); Patent medicines (s); Proprietary medicines (s); Quacks and quackery

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Medieval architecture see Architecture, Medieval
Medieval art see Art, Medieval
Medieval civilization see Civilization, Medieval
Medieval history see Middle ages — History
Medieval literature see Middle ages — Literature
Medieval philosophy see Philosophy, Medieval
Mediations

See also Devotional exercises

Mediums see Spritualism Meetings, Public, see Public meetings Meistersingers See also German poetry; Minnesingers

### Melancholy

Melody
See also Harmony

# Melting points

Memoirs see Autobiography; Biography; also names of individuals Memorial day

Memory

See also Association of ideas; Attention; Mental discipline; Psychology

# Men

See also Bachelors; Gentlemen; Husbands; Man; Young men
Menageries

See also Circus; Vivariums; Zoological gardens

Mendelism see Mendel's law Mendel's law See also Hybridization

Mendicity see Begging Mending and repairing

Meningitis

Mennonites

See also Anabaptists

Mensuration

See also Gaging; Geodesy; Metric system; Surveying; Weights and measures

Mental aberration see Insanity; Mental diseases
Mental arithmetic see Arithmetic
Mental association see Association of ideas
Mental culture see Mental discipline
Mental derangements see Insanity; Mental diseases

Refer from Devotional exercises; Reflections (s)

Refer from Bards; German poetry; Mastersingers (s); Minnesingers; Minstrels; Poets

Refer from Emotions; Mental diseases; Psychology; Temperament

Refer from Composition (music); Harmony; Music; Music — Theory Refer from Chemistry, Physical; Heat; Temperature

Refer from Decoration day (s); Holidays; U. S.— History — Civil war

Refer from Association of ideas; Brain; Education; Intellect; Mental discipline; Mnemonics (s); Psychology; Psychology, Educational; Teaching

Refer from Man; Young men

Refer from Animals; Animals in captivity (s); Circus; Vivariums; Zoological gardens; Zoology

Refer from Botany; Breeding; Evolution; Heredity; Hybridization; Mendelism (s); Plant breeding; Variation (biology); Zoology

Refer from Darning (a); Needlework; Repairing (a) Refer from Brain; Cerebrospinal meningitis (a); Medicine — Practice; Spinal meningitis (a); Spine

Refer from Amish Mennonites (s); Anabaptists; Baptists; Sects

Refer from Arithmetic; Civil engineering; Engineering; Geometry; Mathematics; Measures (s); Metrology (s); Trigonometry; Weights and measures

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Mental discipline

See also Attention; Education; Memory; Psychology, Educational; Self-culture

Mental diseases

See also Aphasia; Brain; Feeble-minded; Hysteria; Idiocy; Illusions and hallucinations; Insanity; Melancholy; Mental hygiene; Nervous system — Diseases; Suicide

Mental exhaustion see Fatigue, Mental Mental fatigue see Fatigue, Mental Mental healing

See also Animal magnetism; Christian science; Emmanuel movement; Faith cure; Hypnotism; Mental hygiene; Mind and body; New thought; Suggestive therapeutics

Mental hygiene

See also Fatigue, Mental; Mental diseases; Mental healing; Mind and body; New thought; Rest; Worry

Mental overwork see Fatigue, Mental Mental pathology see Mental diseases Mental philosophy see Philosophy; Psychology Mental physiology see Brain; Mind and body; Psychology, Physiological Mental science see Psychology Mental suggestion see Hypnotism; Suggestion Mental therapeutics see Mental healing Mental training see Mental discipline Mentally deficient children see Children, Abnormal and backward; Defectives; Feebleminded Menus

See also Breakfasts; Catering; Dinners and dining; Luncheons; Table

Mercantile law see Commercial law Mercantile marine see Shipping Mercenary troops

## Mercerization

Merchandise see Commerce Merchant marine see Shipping Merchants

See also Business; Business ethics; Commerce; Commercial law; Commercial travelers; Peddlers and peddling

Mercury

See also Amalgams; Metals

Refer from Discipline, Mental (s); Education; Memory; Mental culture (s); Mental training (s); Mind training (s); Psychology, Educational; Self-culture; Thought and thinking

Refer from Aberration, Mental (s); Abnormal psychology (s); Brain; Diseases (s); Hysteria; Illusions and hallucinations; Insanity; Medicine—Practice; Mental aberration (s); Mental derangements (s); Mental hygiene; Mental pathology (s); Nervous system—Diseases; Pathological psychology (s); Psychiatry (s); Psychology; Psychology, Pathological (s); Psychology, Physiological; Psychosis (s)

Refer from Absent treatment (s); Christian science; Faith cure; Healing, Mental (s); Health thoughts (s); Hypnotism; Mental hygiene; Mental therapeutics (s); Metaphysical healing (s); Mind and body; Mind cure (s); Psychology; Psychotherapy (s); Suggestion; Suggestive therapeutics; Therapeutics

Refer from Fatigue, Mental; Hygiene; Hygiene, Mental (s); Mental diseases; Mental healing; Mind and body; Psychology; Suggestion

Refer from Bills of fare (s); Breakfasts; Catering; Cookery; Diet; Dinners and dining; Eating; Entertaining; Home economics; Luncheons; Table

Refer from Armies; Military history; Soldiers

Refer from Cotton; Textile industry and fabrics

Refer from Biography; Business; Commerce

Refer from Amalgamation; Amalgams; Metals; Mines and mineral resources; Quicksilver (s)

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Mercy

Mesmerism see Animal magnetism; Hypnotism Mesozoic era see Geology, Stratigraphic — Mesozoic; Paleontology — Mesozoic

See also Jesus Christ; Jesus Christ -Messiahship Metabolism

See also Absorption (physiology); Botany — Physiology; Digestion; Nutrition; Physiological chemistry; Physiology; Plants — Chemistry and nutrition

Metachrosis see Color of animals; Mimicry (biology)

Metal coloring

See also Bronzing; Coppersmithing; Gilding; Goldsmithing; Metal work; Silversmithing

Metal corrosion see Corrosion and anti-corrosives

Metal protection see Corrosion and anticorrosives

Metal work

See also Arts and crafts; Brasses; Bronzes; Coppersmithing; Cutlery; Damaskeening; Dies; Goldsmithing; Hardware; Ironwork; Jewelry; Metal coloring; Pewter; Plate; Plate-metal work; Plating; Punching machinery; Repoussé work; Sheet-metal work; Silversmithing; Solder and soldering; Welding

Metallochromy see Metal coloring Metallography
See also Alloys; Iron; Steel

Metallurgy

See also Alloys; Amalgamation; Assaying; Blast furnaces; Chemical engineering; Chemistry, Technical; Cyanide process; Electrometallurgy; Furnaces; Magnetic separation of ores; Metals; Ore treatment; Ores; Smelting; also names of metals

Metals

See also Alchemy; Alloys; Amalgams; Annealing; Assaying; Blowpipe; Chemistry, Inorganic; Corrosion and anti-corrosives; Foundry work; Geology, Economic; Hardware; Metal work; Metallography; Metallurgy; Mineralogy; Mines and mineral resources; Ore deposits; Ores; Pattern making; Periodic law; Precious metals; Slag; Smelting; Solder and soldering; Strength of materials; Welding; Wire; also names of metals and alloys, e.g. Aluminium; Brass; Bronze; Cobalt; Copper; Iron; Lead; Manganese; Mercury; Nickel; Platinum; Steel; Tin; Zinc

Metamorphic rocks see Rocks

Metaphor

See also Rhetoric Metaphysical healing see Mental healing Refer from Ethics

Refer from Jesus Christ; Jesus Christ — Messiahship; Jews; Jews — Religion

Refer from Absorption (physiology); Anabolism (s); Assimilation (s); Biology; Botany
— Physiology; Catabolism (s); Digestion;
Katabolism (s); Nutrition; Physiological chemistry; Physiology; Plants — Chemistry and nutrition

Refer from Bronzing; Coloring of metals (s); Coppersmithing; Gilding; Goldsmithing; Iron-work; Metal work; Metallochromy (s); Plating: Silversmithing

Refer from Architecture; Arts and crafts; Decoration and ornament; Dies; Hardware; Industrial arts; Ironwork; Manufactures; Metal coloring; Metals; Plate-metal work; Repoussé work; Sheet-metal work

Refer from Alloys; Iron; Metals; Micrographic analysis (s); Microscope and microscopy; Microscopic analysis (s); Steel

Refer from Alloys; Assaying; Chemical engineering; Chemistry; Chemistry, Technical; Cyanide process; Electrometallurgy; Fur-naces; Industrial arts; Metals; Ore treatment; Ores: Smelting: Technology

Refer from Aluminium; Chemical elements; Chemistry, Inorganic; Cobalt; Copper; Geology; Geology, Economic; Iron; Lead; Manganese; Manufactures; Mercury; Metallurgy; Mineralogy; Mines and mineral resources; Nickel; Ores; Platinum; Steel; Tin;

Refer from Rhetoric



Metaphysics

Metaphysics

See also Absolute, The; Being; Belief;
Causation; Consciousness; Force and energy; Infinite; Knowledge; Life; Matter;
Monadology; Monism; Necessity; New thought; Personality; Philosophy; Pluralism; Psychology; Reality; Soul; Space; Teleology; Time; Universe
Metempsychosis see Transmigration

Metaporitic hypothesis

Meteoritic hypothesis See also Meteors; Nebulae

Meteorites

See also Meteors

Meteorological instruments See also Anemometer; Barometer; Ther-

Meteorological observatories

See also Meteorology — Observations

Meteorology

See also Air; Atmospheric electricity; Atmospheric nucleation; Auroras; Climate; Clouds; Cold; Cyclones; Dew; Droughts; Evaporation; Floods; Fog; Frost; Hail; Heat; Humidity; Hurricanes; Hygrometry; neat; Humidity; Hurricanes; Hygrometry; Ice; Lightning; Meteorological instruments; Ocean; Physical geography; Rain; Rainbow; Seasons; Snow; Storms; Sun spots; Temperature; Thunderstorms; Tornadoes; Waterspouts; Weather; Weather forecasts; Weather lore; Winds; also names of countries, subhead Meteorology

Observations

-Observations See also Meteorological observatories

See also U. S. - Climate

Meteors

See also Astronomy; Meteorites; Meteoritic hypothesis ,

See also Poetry; Prosody; Rhythm; Versification

Meters see Electric meters; Gas meters; Water meters; Wattmeter; etc.

Methodism

See also Episcopacy; Methodist Episcopal church; Wesleyan Methodist church

Methodist Episcopal church See also Bishops; Methodism

Metre see Meter Metric system

See also Decimal system; Weights and measures

Metrology see Mensuration; Weights and measures

Mexican boll weevil see Boll weevil Mexican cotton-boll weevil see Boll weevil Mexican war, 1846-1848, see U. S. — History
— War with Mexico

Mezzotint see Engraving

Refer from Absolute, The; Being; Causation; Epistemology (s); God; Infinite; Knowledge; Monism; Ontology (s); Philosophy; Psychology; Reality; Teleology; Universe

Refer from Astronomy; Meteors; Nebulae; Solar system; Universe

Refer from Aerolites (s); Astronomy; Meteors

Refer from Anemometer; Barometer; Instruments; Meteorology; Thermometer

Refer from Meteorology — Observations; Observatories, Meteorological (s)

Refer from Aerology (s); Air; Atmosphere (s); Climate; Clouds; Earth; Floods; Fog; Humidity; Physical geography; Physics; Rain; Science; Sky (s); Snow; Storms; Temperature; Water; Waterspouts; Weather; Winds

Refer from Meteorological observatories; Observations, Meteorological (s)

Refer from U. S. - Climate; U. S. -Meteorology (s)

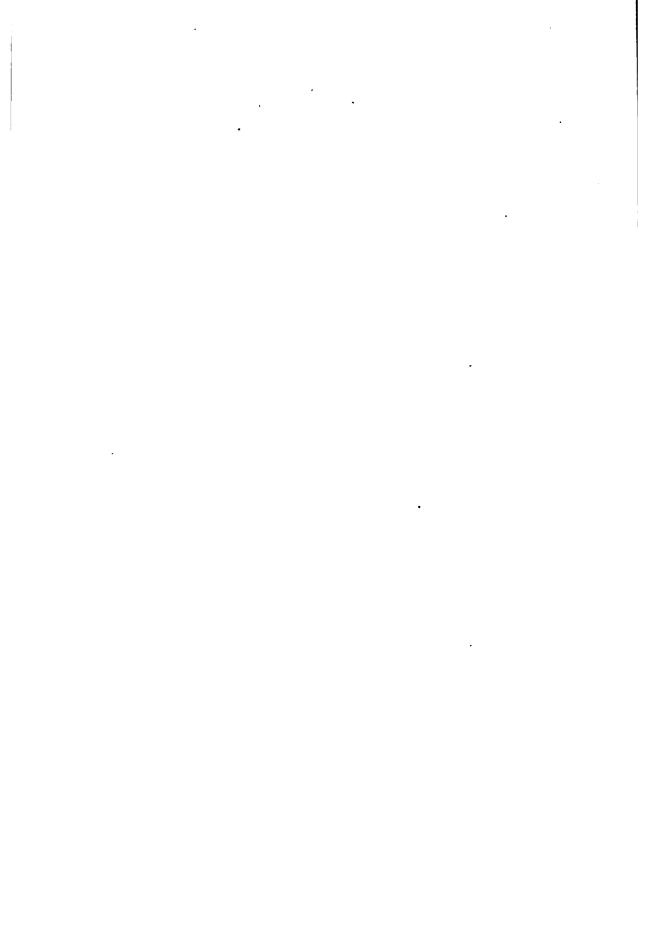
Refer from Astronomy; Falling stars (s); Fire balls (s); Meteorites; Meteoritic hypothesis; Shooting stars (s); Stars

Refer from Metre (s); Poetry; Prosody; Rhythm; Versification

Refer from Church polity; Dissenters; Episcopacy; Methodist Episcopal church

Refer from Episcopal church (s); Methodism; Sects; Wesleyans (s)

Refer from Arithmetic; Decimal system; Mathematics; Mensuration; Units; Weights and measures



Mica Mice

See also Rodents

Microbes see Bacteriology; Fungi Microchemistry

Micrographic analysis see Metallography; Microscope and microscopy

Micrometer

Micro-organisms see Animalcules; Bacteriology Microphone

Microphotography see Photomicrography

Microscope and microscopy

See also Bacteriology; Histology; Metallography; Microchemistry; Photomicrography

Microscopic analysis see Metallography; Microscope and microscopy Microscopic anatomy see Histology

Microscopy see Microscope and microscopy

Middle ages

See also Chivalry; Feudalism; Fifteenth century; Inquisition; Manors; Monasticism; Renaissance

-Architecture, see Architecture, Medieval -Art, see Art, Medieval

Civilization, see Civilization, Medieval

-History

See also Byzantine empire; Church history — Middle ages; Crusades; Hanseatic league; Holy Roman empire; Moors in Spain; Northmen; Teutonic knights

-Literature See also Anglo-Saxon literature; Arthurian romances; Charlemagne — Romances; English literature — History and criticism — Middle English

Social life and customs
See also Chivalry

Middle English language see English language - Middle English

Middle English literature see English literature — History and criticism - Middle English

Middle states

See also Cumberland road; Northwest Territory, U.S.; also names of states

Midwifery see Obstetrics

Migration of animals see Animals — Migration Migration of birds see Birds — Migration

Migration of nations

See also Anthropogeography; Anthropology; Barbarian invasions of Rome; Ethnology; Immigration and emigration

Migration of plants see Plants — Migration Mildew

See also Fungi; Plants — Discases Militarism

See also Armies; Disarmament; Navies; Peace; War

Refer from Isinglass (s); Mineralogy

Refer from Household pests; Mouse (s); Rodents

Refer from Chemistry; Chemistry - Analysis; Microscope and microscopy

Refer from Measuring instruments; Surveying instruments

Refer from Electricity; Telephone

Refer from Animalcules; Bacteriology; Biology; Botany; Histology; Medicine; Micrographic analysis (s); Microscopic analysis (s); Microscopy (s); Natural history; Optical instruments; Photomicrography; Science; Zoology

Refer from Archaeology; Chivalry; Dark ages (s); Feudalism; Renaissance

Refer from Byzantine empire; Church history — Middle ages; Crusades; Europe — History — 476-1492 (s); Hanseatic league; History; History, Medieval (s); Holy Roman empire; Medieval history (s)

Refer from Literature, Medieval (s); Medie-

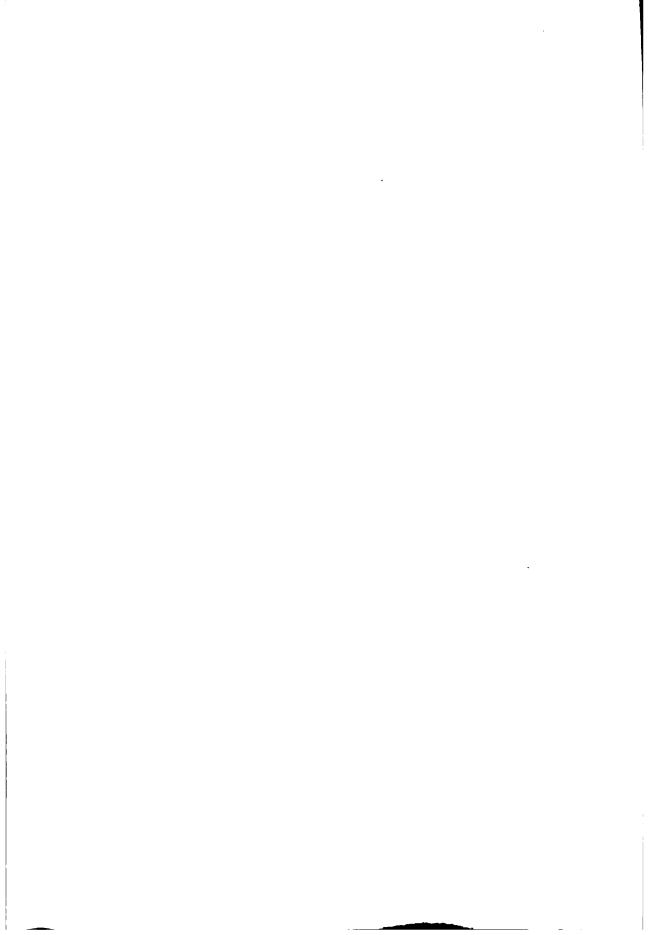
val literature (s)

Refer from Central states (s); Northwest Territory, U. S.

Refer from Anthropogeography; Anthropology; Barbarian invasions of Rome; Civiliza-Ethnology; Europe — History — To tion; 476; History; Immigration and emigration

Refer from Fungi; Plants - Diseases

Refer from Armies; Disarmament; International relations; Navies; Peace; War



Military aeronautics see Aeronautics, Military Military architecture

See also Armories; Arsenals; Barracks; Castles; Fortification; Military engineering

Military art and science

See also Aeronautics, Military; Ammunition; Archery; Armies; Arms and armor; Artillery; Artillery drill and tactics; Battles; Bounties, Military; Bugle calls; Camps (military); Cavalry; Cavalry drill and tac-(military); Cavalry; Cavalry drill and tactics; Chariots; Coast defense; Concentration camps; Conscription; Disarmament; Drill (military); Explosives; Fencing; Firearms; Flags; Fortification; Guerrillas; Gunnery; Hospitals, Military; Imaginary wars and battles; Infantry; Infantry drill and tactics; Martial law; Milita; Mines, Military; Naval art and science; Ordnance; Prisoners of war; Projectiles; Railroads, Military: Rifle practice: Scouts and scout-Military; Rifle practice; Scouts and scouting; Sieges; Signals; Soldiers; Spies; Tactics; Target practice; Tents; Torpedoes; War; War games; also headings beginning Military

Military biography

See also Generals; Soldiers

Military bounties see Bounties, Military

Military bridges Military costume see Arms and armor: Uniforms

Military education

Military engineering

See also Coast defense; Engineering; Fortification; Military architecture; Military bridges; Mines, Military; Railroads, Mili-

Military government See also Martial law

Military history

See also Battles; History; Mercenary troops; Military biography; Naval history; Sieges; also names of wars, battles, places besieged, generals, etc., and names of countries, subheads Army, and History, Military Military hospitals see Hospitals, Military

Military hygiene See also Battlefield relief; Medicine, Military; Naval hygiene; Surgery, Military; also subhead Medical and sanitary affairs under particular wars Military law

See also Courts martial; International law; Martial law; Mutiny

Military life see Army life

Military maneuvers

See also War games; Tactics

Military medicine see Medicine, Military Military music

See also Bands (music); Bugle calls; Instrumentation and orchestration

Refer from Architecture; Architecture, Military (s); Armories; Arsenals; Barracks; Castles; Fortification; Military engineering

Refer from Armies; Army (s); Artillery; Cavalry; Drill (military); Fighting (s); Infantry; Military power (s); Military science (s); Ordnance; Science; Sieges; Soldiers; Strategy (s); Tactics; War

Refer from Biography; Generals; Military history; Soldiers

Refer from Bridges; Military engineering

Refer from Education; Education, Military (s); Military schools (s); Military training (s)

Refer from Engineering; Engineering, Mili-

tary (s); Military architecture; Mines, Mili-

Refer from Colonies and colonization; Government; Martial law

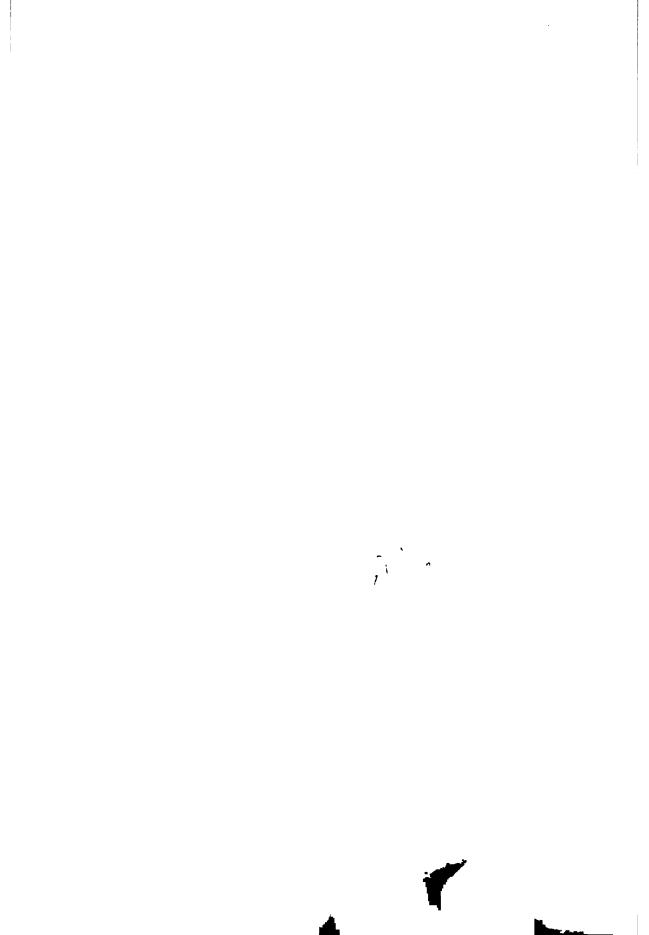
Refer from Battles; History; History, Military (s); Naval history; Wars (s)

Refer from Armies; Battlefield relief; Hygiene; Hygiene, Military (s); Hygiene, Public; Medicine, Military; Naval hygiene; Occupations — Diseases and hygiene; Sanitation

Refer from Courts martial; International law; Law; Martial law

Refer from Armies; Maneuvers, Military (s); Manoeuvres, Military (s); Tactics; War games

Refer from Bands (music); Bugle calls; Instrumental music; Martial music (s); Music



Military power see Armies; Disarmament; Military art and science; Navies; Sea power Military railroads see Railroads, Military Military schools see Military education Military science see Military art and science Military service

See also Conscription; Recruiting and enlistment

Military surgery see Surgery, Military

Military tactics see Tactics Military training see Military education

Military trials see Courts martial Military uniforms see Uniforms

Militia

See also Naval militia; also names of states and countries, subhead Militia Milk

See also Butter; Cheese; Cows; Cream; Cream separators; Dairy bacteriology; Dairy products; Dairying; Kumiss; Milk supply; Milking Milk supply

Milking

See also Dairying

Milky way

See also Astronomy Millennial church see Shakers

Millennium

See also Christadelphians; Future life; Jesus Christ; Second advent Millerites see Second adventists Millinery

See also Artificial flowers; Costume; Feathers; Hats; Headgear Milling (flour) see Flour and flour mills Milling machines

See also Machine tools

Millionaires

See also Capitalists and financiers; Wealth

Mills and millwork

See also Factories; Flour and flour mills; Machinery; Manufactures; Rolling mills; Sawmills; Scientific management; Textile factories **Mimicry** 

See also Caricature and cartoons; Imitation

Mimicry (biology)

See also Animals - Habits and behavior; Color of animals

Mind see Intellect; Psychology Mind and body

See also Brain; Christian science; Dreams; Dualism; Emmanuel movement; Ennui; Fatigue, Mental; Hypnotism; Inhibition; Insanity; Mental healing; Mental hygiene; Monism; Nervous system; New thought; Phrenology; Psychology; Psychology, Physiological; Subconsciousness; Suggestion; Worry

Mind cure see Mental healing Mind in animals see Animal intelligence

Refer from Armies; Army life; Conscription; Recruiting and enlistment

Refer from Armies; Military art and science

Refer from Beverages; Cows; Cream; Dairy products; Dairying; Food

Refer from Food adulteration and inspection: Hygiene, Public; Milk

Refer from Cows; Dairying; Milk

Refer from Astronomy; Galaxy (s); Stars

Refer from Eschatology; Future life; Jesus Christ; Second advent; Theology

Refer from Costume; Domestic arts; Hats; Headgear

Refer from Machine tools; Machinery

Refer from Biography; Capitalists and financiers; Fortunes (s); Wealth

Refer from Architecture; Factories; Industrial arts; Machinery; Manufactures

Refer from Caricature and cartoons; Imita-

Refer from Animals; Animals — Habits and behavior; Biology; Color of animals; Evolution; Metachrosis (s); Protective mimicry (s)

Refer from Body and mind (s); Brain; Dualism; Hygiene; Hypnotism; Insanity; Medicine; Mental healing; Mental hygiene; Mental physiology (s); Monism; Nervous system; Philosophy; Physiology; Psychology; Psychology, Physiological

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Mind reading

Clairvoyance: Hypnotism; Psychical research; Thought transference

Mind training see Mental discipline Mine accidents

See also Fire damp; Mine fires; Safety lamps; also names of special mine disasters

Mine explosions see Mine accidents; Mine fires

Mine fires

See also Fire damp; Mine accidents; Safety lamps

Mine labor see Miners Mine planting see Mines, Military Mine surveying

Mine ventilation

See also Fire damp

Mineral lands see Mines and mineral resources; Ore deposits

Mineral oils see Oils and fats; Petroleum Mineral resources see Mines and minera resources

Mineral springs see Mineral waters Mineral waters

See also Beverages; Geology, Economic; resorts; Sanatoriums; Sulphur Health springs

Mineralogy

See also Abrasives; Assaying; Blowpipe; Crystallography; Gems; Geochemistry; Geology; Hardness; Metals; Mines and mineral resources; Ores; Precious stones; Rare earths; Rocks; Stone; also names of minerals, e.g. Asbestos, Coal, Diamonds,

Minerals see Mineralogy; Mines and mineral resources; Ores

Miners

Mines, Military

See also Blasting; Explosives; Military
engineering; Mines, Submarine

Mines, Submarine See also Torpedoes

/ Mines and mineral resources

See also Coal mines and mining; Copper mines and mining; Geology, Economic; Gold mines and mining; Hydraulic mining; Iron mines and mining; Lead mines and mining; Mercury; Metals; Mine accidents; Mine fires; Mine surveying; Mine ventila-tion; Mineralogy; Miners; Mining engi-neering; Mining laws; Mining machinery; Refer from Clairvoyance; Psychical research; Psychology; Spiritualism; Telepathy (s); Thought transference

Refer from Accidents; Coal mines and mining; Disasters; Explosions; Fire damp; Mine explosions (s); Mine fires; Mines and mineral resources; Mining accidents (s); Occupations, Dangerous; Safety lamps

Refer from Fire damp; Fires; Mine accidents; Mine explosions (s); Mines and mineral resources; Safety lamps

Refer from Mines and mineral resources; Mining engineering; Surveying

Refer from Fire damp; Mines and mineral resources; Mining engineering; Ventilation; Ventilation of mines (s)

Refer from Beverages; Geochemistry: Geology, Economic; Health resorts; Hydrotherapy; Mineral springs (s); Springs; Sulphur springs; Therapeutics; Water

Refer from Blowpipe; Chemical geology (s); Chemistry; Chemistry — Analysis; Chemistry, Inorganic; Crystallography; Diamonds; Geochemistry; Geology; Metals; Minerals (s); Mines and mineral resources; Natural history; Ores; Precious minerals (s); Rare earths; Rocks; Science

Refer from Coal mines and mining; Labor and laboring classes; Mine labor (s); Mines and mineral resources; Mining life (s)

Refer from Blasting; Explosives; Fortifica-tion; Military art and science; Military engineering; Mine planting (s); Sieges; Tunnels

Refer from Coast defense; Mines, Military; Naval art and science; Submarine mines (8); Submarine warfare; Torpedoes

Refer from Conservation of resources; Earth; Geology, Economic; Hydraulic mining; Metals; Mineral lands (s); Mineral resources (s); Mineralogy; Minerals (s); Mining (s); Natural resources; Ore deposits; Ores; Precious minerals (s); Prospecting; Quarries and quarrying

Mines and mineral resources - Continued Natural resources; Ore deposits; Ores; Precious metals; Prospecting; Quarries and quarrying; Salt; Shaft sinking; Silver mines and mining; Sulphur; Tin; Zinc -U. S.

Miniature painting

Mining see Mines and mineral resources: Mining engineering

Mining accidents see Mine accidents

Mining engineering See also Blasting; Boring; Explosives;

Electricity in mining; Hydraulic mining; Mine surveying; Mine ventilation; Mining machinery; Mining schools and education; Rock drills; Shaft sinking; Tunnels

Mining laws

Mining life see Miners Mining machinery

See also Conveying machinery; Electricity in mining; Excavating machinery; Hoisting machinery; Rock drills

## Mining schools and education

Ministers of state

See also Ambassadors; Chancellors, Lord; Diplomacy; International law; International relations; Prime ministers; Treaties Ministers of the gospel see Clergy; Preachers;

Minnesingers

See also German poetry; Meistersingers

Minorites see Franciscans Minority representation see Proportional representation

Minstrel shows

**M**instrels

See also Bards; Meistersingers; Minne-ngers; Troubadours; Trouvères; Waysingers; faring life

Mints

See also Coinage

Miocene period see Geology, Stratigraphic — Miocene: Paleontology — Miocene

Miracle, morality and mystery plays See also Drama; Passion plays

Miracles

See also Christianity — Evidences; Holy wells; Jesus Christ — Miracles; Mary, Virgin; Relics; Saints; Shrines; Spiritualism; Supernatural

Mirage

Mirrors

Misers

See also Avarice

Refer from U. S .- Industries and resources: U. S.— Mines and mineral resources (s) Refer from Art; Painting; Portrait painting

Refer from Blasting; Civil engineering; Coal mines and mining; Electricity in mining; Engineering; Engineering, Mining (s); Hydraulic engineering; Mines and mineral resources; Mining (s); Shaft sinking; Tunnels

\*Refer from Labor laws; Law; Mines and mineral resources

Refer from Conveying machinery; Electricity in mining; Excavating machinery; Hoisting machinery; Machinery; Mines and mineral resources; Mining engineering; Rock drills Refer from Mining engineering; Technical education

Refer from Biography; Statesmen

Refer from Bards; German poetry; Lyric poetry; Meistersingers; Minstrels; Poetry; Poets

Refer from Amusements; Negro minstrels (s);

Refer from Bards; Poets; Wayfaring life

Refer from Coinage; Money

Refer from Drama; English drama; Morality plays (s); Mysterics (dramatic) (s); Mystery plays (s); Passion plays; Theater

Refer from Bible; Catholic church; Christianity; Christianity — Evidences; Church history; Divine healing (s); Faith cure; Jesus Christ; Relics; Religion; Shrines; Supernatural; The-

Refer from Deserts; Optical illusions

Refer from Aberration; Furniture; Glass manufacture; Looking-glasses (s)

Refer from Avarice; Thrift; Wealth

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Misfortune

See also Affliction
Misrepresentation see Fraud
Missals

See also Catholic church — Liturgy and ritual; Liturgies; Mass

# Missing link

**Missionaries** 

See also Christian biography; Missions; Student volunteer movement

Missionary societies

See also Bible — Publication and distribution; Conversion; Evangelistic work; Indians — Missions; Missionaries; Missionary societies; Revivals; Student volunteer movement; Tract societies; also names of churches and religious orders, subhead Missions, e.g. Catholic church — Missions; Church of England — Missions; Jesuits — Missions

-Foreign

See also Missions, Medical; Student volunteer movement

Home

See also City missions; Indians — Missions

----Medical

---Seamen

Missouri compromise

See also Kansas-Nebraska bill; U. S.—
History — 1815-1861
Mistakes see Blunders; Errors, Popular;
Errors and blunders, Literary
Mitosis see Karyokinesis
Mnemonics see Memory
Mobs see Crowds; Lynch law; Riots
Mock trials see Moot courts

Modeling
See also Arts and crafts: Plaster costs.

See also Arts and crafts; Plaster casts; Sculpture

Modern history see History, Modern Modern philosophy see Philosophy, Modern Modernism

Modulation

See also Harmony

Moghul empire see Mogul empire Mogul empire See also India — History

Mohammedan architecture see Architecture, Mohammedan

Mohammedanism

See also Arabs; Babism; Caliphs; Dervishes; Koran; Mecca; Moors; Moors in Spain; Mosques; Panislamism; Saracens; Sufism; Turkey — History; Wahabis

Refer from Adversity (s); Affliction; Trouble (s)

Refer from Catholic church — Liturgy and ritual; Church music; Illumination of manuscripts and books; Liturgies; Mass

Refer from Evolution; Man - Origin and antiquity

Refer from Christian biography; Evangelists (s); Heroes; Missions
Refer from Missions; Societies

Refer from Christianity; Church extension (8); Church history; Church work; Conversion; Evangelistic work; Missionaries; Religion

Refer from Foreign missions (s)

Refer from Home missions (s)

Refer from Charities, Medical; Medical missions (s); Medicine; Missions, Foreign Refer from Fishermen; Sailors; Sailors' missions (s); Seamen's missions (s)

Refer from Missouri — History; Slavery in the U. S.; U. S.— History — 1815-1861

Refer from Arts and crafts; Clay; Clay modeling (s); Manual training; Plaster casts; Sculpture

Refer from Bible — Criticism and interpretation; Catholic church; Liberalism; Religion and science; Theology

Refer from Harmony; Music; Music—Theory

Refer from India — History; Moghul empire (s); Mongols

Refer from Arabs; Babism; Caliphs; Dervishes; Islam (s); Koran; Mahommedanism (s); Moors; Moslems (s); Muhammedanism (s); Muslims (s); Musselmans (s); Polygamy; Religions; Saracens; Sufism; Wahabis

Moisture of soils see Soil moisture Moisture of the air see Humidity Molasses

See also Sorghum

### Mold

See also Fungi

Vegetable, see Soils

Molding see Foundry work

Moldings

See also Architecture

Molecules

See also Atoms; Chemistry; Chemistry, Physical; Physics; Stereochemistry

Mollusks

See also Bivalves; Cephalopoda; Gasteropoda; Invertebrates; Marine zoology; Oysters; Pearls

---Fossil

Monachism see Monasticism Monadism see Monadology Monadology

Monads (philosophy) see Monadology Monarchs see Kings and rulers Monarchy

See also Coronations; Courts and courtiers; Democracy; Despotism; Divine right of kings; Emperors; Government; Kings and rulers; Princes and princesses; Queens and empresses; Regency; Tyranny

# Monasteries

See also Abbeys; Convents and nunneries; Monasticism

Monastic orders see Monasticism; Religious orders

Monasticism

See also Asceticism; Augustinians; Benedictines; Brotherhoods; Buddhism; Capuchins; Carthusians; Celibacy; Cistercians; Convents and nunneries; Dominicans; Franciscans; Jesuits; Monasteries; Nuns; Religious orders; Sisterhoods; Trappists

Money

See also Bank notes; Banks and banking; Bimetallism; Business; Capital; Checks; Coinage; Commerce; Counterfeits; Credit; Decimal system; Exchange; Finance; Foreign exchange; Gold (as money); Greenbacks; Interest; Investments; Legal tender; Mints; Numismatics; Paper money; Prices; Shell money; Silver (as money); Stock exchange; Wampum; Wealth

Refer from Sorghum; Sugar; Syrups; Treacle (s)

Refer from Fungi; Mould (s)

Refer from Architecture; Carpentry; Decoration and ornament; Mouldings (s)

Refer from Atoms; Chemistry; Chemistry, Physical; Matter; Physics

Refer from Bivalves; Cephalopoda; Conchology (s); Gasteropoda; Invertebrates; Malacology (s); Marine zoology; Shells (conchology) (s)

(conchology) (s)

Refer from Fossil mollusks (s); Invertebrates, Fossil; Paleontology

Refer from Metaphysics; Monadism (s); Monads (philosophy) (s); Philosophy; Universe

Refer from Constitutional law; Democracy; Despotism; Divine right of kings; Executive power; Government; Kings and rulers; Kingship (s); Magistrates; Princes and princesses; Queens and empresses; Royalty (s); Rulers (s); Sovereigns (s)

Refer from Abbeys; Catholic church; Church property; Cloisters (s); Convents and nunneries; Monasticism

Refer from Asceticism; Augustinians; Benedictines; Brotherhoods; Capuchins; Carthusians; Catholic church; Catholic church—Clergy; Celibacy; Christian biography; Christian life and character; Church discipline; Church history; Church polity; Cistercians; Clergy; Convents and nunneries; Dominicans; Franciscans; Friars (s); Middle ages; Monachism (s); Monasteries; Monastic (s); Religion; Religious orders

Refer from Banks and banking; Bills of credit (s); Bills of exchange (s); Bimetallism; Bullion (s); Business; Capital; Coinage; Commerce; Counterfeits; Credit; Currency (s); Economics; Exchange; Finance; Foreign exchange; Gold (as money); Legal tender; Numismatics; Paper money; Precious metals; Silver (as money); Specie (s); Standard of value (s); Stock exchange; Value; Wealth

Money — —U. S. – Continued

See also Banks and banking - U. S.; Coinage - U. S.; Greenbacks

Mongols

See also China - History; Mogul empire; Mongolia; Tartars

Monism

See also Metaphysics; Mind and body; Pantheism

Monkeys

See also Apes; Gorillas; Primates Monks see Hermits; Monasticism Monograms

See also Artists' marks; Initials; Lettering

Monologues

See also Recitations and readings

Monoplanes see Aeroplanes

Monopolies

See also Capital; Competition; Govern-ment ownership; Municipal ownership; Privileged classes; Restraint of trade; Trusts

Monorailways see Railroads - Single rail; Suspended railways

Monotheism

See also God

Monotype see Typesetting machines

Monroe doctrine

See also Drago doctrine; Intervention

Monsters

See also Deformities; Dragons; Dwarfs; Giants; Sea serpents Monstrosities see Monsters Months

See also Seasons; Year; also names of months

Monumental brasses see Brasses

Monuments

See also Archaeology; Arches of triumph; Brasses; Cromlechs; Inscriptions; Obelisks; Pyramids; Sculpture; Soldiers' monuments; Statues; Tombs; Tombstones; also names of cities, subhead Monuments

Moon

See also Astronomy; Eclipses; Occultations; Tides

Moorish architecture see Architecture, Mohammedan

See also Algeria; Arabs; Mohammedanism; Morocco; Saracens

Moors in Spain

See also Spain - History - To 1479

Refer from Coinage - U. S.; Greenbacks; Resumption of specie payment (s); Specie payment (s); Silver question (s); U. S.— Currency question (s); U. S.— Economic conditions; U. S.— Finance; U. S.— Money (s)

Refer from China — History; Mongolia; Tartars; Yellow races

Refer from Dualism; Metaphysics; Mind and body; Pantheism; Philosophy; Universe

Refer from Apes; Primates

Refer from Decoration and ornament; Initials; Lettering

Refer from Amateur theatricals; Drama; Impersonation (s); Recitations and readings

Refer from Capital; Commerce; Competi-tion; Corners, Commercial (s); Economics; Forestalling (s); Privileged classes; Restraint of trade; Trusts

Refer from God: Theology

Refer from International law; International relations; Intervention; Latin America; U. S. Foreign relations

Refer from Deformities; Man; Monstrosities (s); Physiology; Teratology (s); Zoology

Refer from Year

Refer from Archaeology; Burial; Sculpture; Statues; Tombs; Tombstones

Refer from Astronomy; Eclipses; Lunar theory (s); Mechanics, Celestial; Planets; Satellites; Tides

Refer from Algeria; Arabs; Mohammedanism; Morocco; Saracens

Refer from Arabs in Spain (s); Middle ages — History; Mohammedanism; Moriscos (s); Spain — History — To 1479

Refer from Courts; Mock trials (s)

Moot courts

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Moraines

See also Boulders; Drift; Glaciers; Physical geography

Moral conditions see names of countries and cities, subhead Moral conditions

Moral education

See also Character; Children — Management; Religious education

Moral philosophy see Ethics
Morality see Ethics
Morality plays see Miracle, morality and
mystery plays
Morals see Ethics, and names of countries,
subhead Moral conditions
Morasses see Marshes
Moravians

Moriscos see Moors in Spain Mormons and Mormonism See also Salt Lake City; Utah

Morphia see Morphine

Morphine

See also Narcotic habit; Narcotics; Opium

Morphology

See also Anatomy; Biology; Botany, Structural; Cells; Embryology; Histology

Morphology of plants see Botany, Structural

Morris dance

See also Dancing

Mortality

See also Death; Vital statistics

Mortar see Cement

**∠** Mortgages

See also Investments; Real estate; Securities

## Mortmain

Mortuary customs see Burial; Cremation; Death; Embalming; Funeral rites and ceremonies; Indians — Mortuary customs; Urn burial

Mosaic law

See also Antinomianism; Commandments; Bible — Old Testament — Deuteronomy; Bible — Old Testament — Leviticus; Jews — Law

Mosaics

See also Arts and crafts; Inlay; Mural painting and decoration

Moslems see Mohammedanism

Mosques

Šee also Architecture, Mohammedan; Architecture, Oriental Refer from Boulders; Drift; Geology; Glaciers; Physical geography

Refer from Children — Management; Education; Education, Moral (s); Ethical education (s); Ethics; Religious education

Refer from Bohemian brethren (s); Herrnhuters (s); Sects; Unitas fratrum (s); United brethren (s)

Refer from Church of Christ of latter-day saints (s); Church of Jesus Christ of latter-day saints (s); Latter-day saints (s); Polygamy; Religions; Salt Lake City; Sects; Utah

Refer from Alkaloids; Morphia (s); Narcotic habit; Narcotics; Opium

Refer from Anatomy; Anatomy, Comparative; Biology; Comparative morphology (s); Organography (s); Physiology

Refer from Dancing; England — Social life and customs Refer from Death; Death rate (s); Vital statistics

Refer from Chattel mortgages (s); Commercial law; Contracts; Conveyancing; Forms (in law); Incumbrances (s); Investments; Land titles; Law; Liens; Loans; Negotiable instruments; Property; Real estate; Securities Refer from Charities; Land tenure; Law; Legacies; Trustees

Refer from Bible — Old Testament — Deuteronomy; Bible — Old Testament — Leviticus; Commandments; Jews — Law; Jews — Religion; Law

Refer from Art; Arts and crafts; Decoration and ornament; Floors; Inlay; Mural painting and decoration; Pavements

Refer from Architecture; Architecture, Mohammedan; Architecture, Oriental; Church architecture; Mohammedanism; Temples

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Mosquitoes

See also Diptera; Insects as carriers of contagion; Malaria; Yellow fever

Moss see Mosses Mosses

See also Algae; Cryptogams; Lichens

Most favored nation clause see Commercial treaties

Motherhood see Mothers

Mothers

See also Children; Home; Matriarchy; Parents; Women

Mothers' clubs

See also Child study; Women's clubs

Moths

See also Caterpillars; Codling moth; Cutworms; Gipsy moth; Lepidoptera; Silkworms

Motion

See also Animal locomotion; Dynamics; Force and energy; Kinematics; Locomotion; Mechanical movements; Mechanics; Motors; Perpetual motion; Rotation; Velocity; Vibration

Motion pictures see Moving pictures Motor boats

Motor carriages see Automobiles Motor cycles

Motor vehicles see Automobiles Motoring see Automobile touring; Automobiles Motors

See also Aeronautic motors; Alcohol motors; Automobiles; Compressed air; Dynamos; Electric motors; Engines; Farm motors; Gas and oil engines; Hydraulic motors; Locomotives; Machinery; Solar motors; Steam engines; Turbines; Water wheels; Windmills

**M**ottoes

See also Devices; Heraldry; Quotations

Moulding see Foundry work Mouldings see Moldings

Mouldings see Moldings
Mound builders see Mounds and mound
builders

Mounds and mound builders

See also Earthworks (archaeology); Indians — Antiquities; Kitchen middens; U. S. — Antiquities

Mountain climbing see Mountaineering Mountain railroads

See also Cable railroads; Suspended railways

Refer from Contagion and contagious diseases; Diptera; Household pests; Insects, Injurious and beneficial; Insects as carriers of contagion; Malaria; Yellow fever

Refer from Bryology (s); Bryophytes (s); Cryptogams; Moss (s)

Refer from Children; Family; Home; Love; Maternity (s); Motherhood (s); Parents; Wives; Women

Refer from Child study; Clubs; Social settlements; Women's clubs

Refer from Caterpillars; Insects, Injurious and beneficial; Lepidoptera

Refer from Dynamics; Force and energy; Kinematics; Kinetics (s); Mechanics; Physics; Vibration

Refer from Autoboats (s); Boats and boating; Electric boats (s); Electric launches (s); Gasoline launches (s); Launches (s); Navigation; Power boats (s); Shipbuilding

Refer from Automobiles; Bicycles and tricycles; Cycles, Motor (s); Cycling

Refer from Automobiles; Engines; Machinery; Mechanics; Motion; Physics; Power; Power transmission

Refer from Devices; Emblems; Heraldry; Literature; Quotations

Refer from Archaeology; Barrows (s); Burial; Earthworks (archaeology); Ethnology; Grave mounds (s); Graves (s); Indians; Indians — Antiquities; Kitchen middens; Mound builders (s); Tombs; Tumuli (s); U. S. — Antiquities

Refer from Cable railroads; Railroads

Mountain whites see Mountaineers of the South Mountaineering

See also Alpine clubs

## Mountaineers of the South

Mountains

See also Alpine clubs; Alpine plants; Avalanches; Geology; Mountaineering; Physical geography; Volcanoes; also names of mountains

Mourning customs

Mouse see Mice Mouth

See also Teeth

Movement cure see Gymnastics, Medical; Mechanotherapy; Swedish movement cure Movements of animals see Animal locomotion; Irritability

Movements of plants see Plants - Movements Moving pictures

Mowing machines

See also Farm implements and machinery

Muhammedanism see Mohammedanism Multiple personality see Personality Mummies

See also Egypt - Antiquities; Embalming

Municipal accounts And more Mark 1 % See also Accounting; Municipal finance

Municipal administration see Municipal government

Municipal art

See also Cities - Planning and laying out; Municipal centers; Municipal improvement; Public buildings

Municipal bonds see Bonds

Municipal buildings see Public buildings

Municipal centers

See also Cities — Planning and laying out; Public buildings

Municipal charters see Charters; also names of cities, subhead Charters

Municipal corporations

See also Boroughs; Cities; Courts, Municipal; Municipal government; Municipal law; Towns

Municipal corruption see Political corruption Municipal courts see Courts, Municipal Municipal debts see Municipal finance

Municipal engineering

See also Municipal improvement; Pavements; Public works; Refuse and refuse disposal; Sanitary engineering; Sewerage;

Refer from Alpine clubs; Mountain climbing (s); Mountains; Outdoor life; Sports Refer from Cumberland Mountains; Ken-

tucky; Mountain whites (s); Southern states; Tennessee

Refer from Avalanches; Geology; Orology (s); Physical geography

Refer from Death; Funeral rites and ceremonies; Manners and customs

Refer from Anatomy; Dentistry; Digestive system; Face; Head

Refer from Amusements; Animatograph (s); Biograph (s); Chronophotography (s); Cinematograph (s); Entertainments; Kinematograph (s); Kinetograph (s); Kinetoscope (s); Motion pictures (s); Photography; Pictures; Theater; Vitagraph (s); Vitascope (s)

Refer from Farm implements and machinery; Harvesting machinery

Refer from Archaeology; Burial; Egypt -Antiquities; Embalming

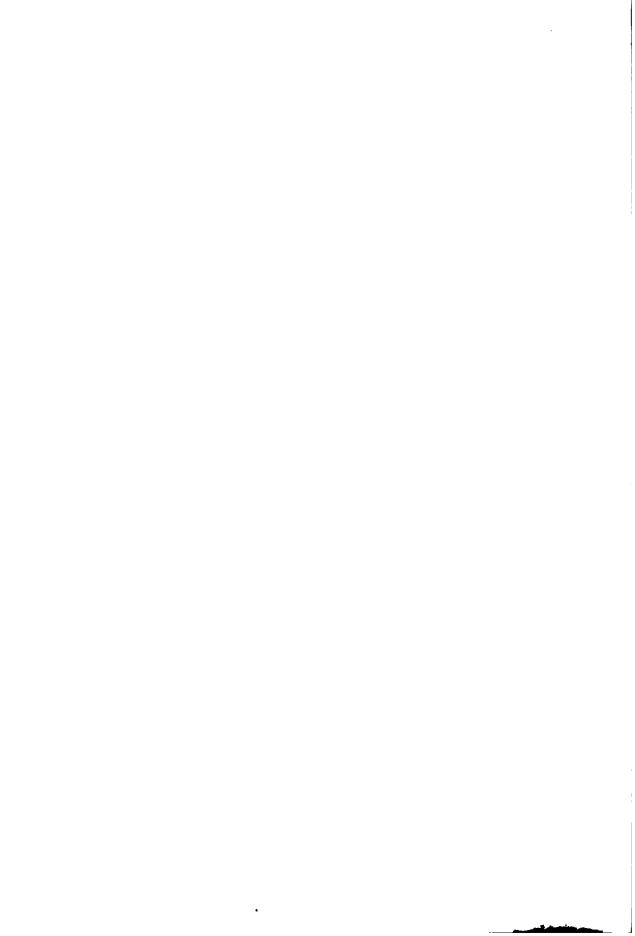
Refer from Accounting; Bookkeeping; Municipal finance

Refer from Architecture; Art; Art, Municipal (s); Cities — Planning and laying out; Civic art (s); Municipal improvement

Refer from Architecture; Cities - Planning and laying out; Civic centers (s); Group plan for public buildings (s); Municipal art; Municipal improvement; Public buildings

Refer from Boroughs; Corporations; Eminent domain; Law; Municipal government; Municipal law; Towns

Refer from Engineering; Engineering, Municipal (s); Public works; Sanitary engineering



Street cleaning; Streets; Water — Purification; Water supply

Municipal finance

See also Bonds; Municipal accounts; Municipal government

## Municipal franchises

See also Public service corporations

Municipal government

See also Charters; Cities; Local government; Municipal corporations; Municipal finance; Municipal ownership; Police; Recall; Referendum

## ----Commission plan

Municipal improvement

See also Baths, Public; Billposting; Building laws; Cemeteries; Cities — Planning and laying out; Electric wire and wiring; Fire protection; Garden cities; Harbors; Housing problem; Hygiene, Public; Landscape gardening; Lighting; Municipal art; Municipal centers; Neighborhood improvement; Noise; Parks; Pavements; Playgrounds; Preservation of landmarks, scenery, etc.; Public comfort stations; Railroads — Crossings; Refuse and refuse disposal; Sanitary engineering; Signs; Smoke; Streets; Tenement houses; Vacant lot cultivation

Municipal law

See also Corporation law; Law; Municipal corporations

Municipal ownership

See also Government ownership; Government regulation of industry; Municipal government; Public service corporations

Municipal reference libraries see Libraries, Municipal reference Municipal reform see Municipal government Municipal trading see Municipal ownership Municipalities see Cities Mural decoration see Mural painting and decoration

Mural painting and decoration

See also Frescoes; Gesso; House painting; Mosaics; Plaster and plastering; Stucco; Tapestry; Wall paper

Murder

See also Assassination; Capital punishment; Dacoits; Infanticide; Poisons; Suicide; Thugs; Treason

Muscles

See also Anatomy; Muscular sense; Physical education; Physiology Refer from Finance; Municipal accounts; Municipal debts (s); Municipal government; Taxation

Refer from Charters; Franchises, Municipal (s); Public service corporations

Refer from Cities; City government (s); Civics (s); Government; Local government; Municipal administration (s); Municipal corporations; Municipal finance; Municipal ownership; Municipal reform (s); Social problems; Towns

Refer from Civil service reform; Commission government (s); Des Moines plan of city government (s); Galveston plan of city government (s); Government by commission (s)

Refer from Cities — Planning and laying out; City improvement (s); Civic improvement (s); Landscape gardening; Municipal art; Municipal engineering; Parks

Refer from Corporation law; Law; Municipal corporations

Refer from Government ownership; Government regulation of industry; Monopolies; Municipal government; Municipal trading (s); Public ownership (s); Public service corporations

Refer from Architecture; Art; Ceilings; Decoration and ornament; Frescoes; House decoration; House painting; Mosaics; Mural decoration (s); Painting; Plaster and plastering; Wall decoration (s); Wall painting (s); Wall paper; Walls

Refer from Assassination; Crime and criminals; Criminal law; Death; Homicide (s)

Refer from Anatomy; Animal locomotion; Electrophysiology; Histology; Muscular action (s); Myodynamics (s); Myology (s); Physiology

Muscular action see Muscles

Muscular sense

See also Psychology, Physiological

See also Art - Galleries and museums; Botanical museums; Exhibitions; also names of museums, and names of cities, subhead Galleries and museums

Mushrooms

See also Cookery - Mushrooms; Fungi

Music

See also Anecdotes, Musical; Anthems; Bands (music); Bible — Music; Cantatas; Carols; Chamber music; Chants; Choirs: Choral music; Church music; Composition (music); Concerts; Counterpoint; Dance music; Fugue; Glees; Harmony; Hymns; Indians — Music; Instrumental music; Instrumentation and orchestration; Masses (music); Melody; Military music; Modulation; Musical accompaniment; Musical festivals; Musical form; Musical instruments, and names of instruments; Musical societies; Musicians; National songs; Opera; Oratorios; Orchestral music; Orchestras; Overtures; Phrasing (music); Program music; Rhythm; Scale (music); School music; Sight reading; Singing and voice culture; Sonatas; Songs; Sound; Symphonies; Voice

-Anecdotes, see Anecdotes, Musical

-Appreciation

See also Musical form

-Biography, see Musicians

-Dictionaries

-Essays, addresses, etc.

History and criticism
See also Music — Philosophy and esthetics

-Indians, see Indians — Music

-Instruction and study

See also Instrumentation and orchestration; Piano - Instruction and study; Sight reading; Singing and voice culture; also names of schools and of instruments

-Tews

See also Bible - Music

-Notation

See also Tonic sol-fa

—Philosophy and esthetics See also Music — Appreciation

-Scores

See also Choruses and part songs; Duets, Instrumental; Duets, Vocal; Opera - Scores; Orchestral music; Organ music; Piano music - Scores; Sonatas; Songs — Scores; Symphonies; music

-Study and teaching, see Music — Instruc-

tion and study

Refer from Muscles; Psychology; Psychology, Physiological; Senses and sensation

Refer from Exhibitions

Refer from Food; Fungi; Toadstools (s)

Refer from Art; Composition (music); In-strumental music; Singing and voice culture; Sound; Vocal music (s); Voice

Refer from Appreciation of music (s); Music — Philosophy and esthetics; Musical form

Refer from Criticism

Refer from Education, Musical (s); Music — Study and teaching (s); Musical education (s); Piano - Instruction and study

Refer from Bible - Music; Jews - Music (s)

Refer from Musical notation (s); Notation (music) (s)

Refer from Esthetics; Music - History and criticism; Music - Theory

Refer from Scores (music) (s)

Music - Continued

-Theory

See also Canon (music); Composition (music); Counterpoint; Fugue; Harmony; Melody; Modulation; Music — Philosophy and esthetics; Musical form

—tī. s.

See also Indians - Music; Songs, American

Music halls

See also Vaudeville

Musical accompaniment

Musical anecdotes see Anecdotes, Musical Musical composition see Composition (music) Musical education see Music — Instruction and study

Musical festivals

Musical form

See also Canon (music); Fugue; Music — Appreciation; Phrasing (music); Sonatas

Musical instruments

See also Flute; Guitar; Harp; Harpsichord; Instrumental music; Instrumentation and orchestration; Orchestral music; Organ; Piano; Reed organ; Stringed instruments; Tuning; Tuning forks; Violin; Violoncello; Wind instruments

Musical notation see Music - Notation

Musical societies

See also Choral societies; Musical festivals

Musicians

See also Anecdotes, Musical; Organists; Pianists; Singers; Violinists

Muslims see Mohammedanism Mussulmans see Mohammedanism Mutation see Variation (biology) Mutiny

Mutual aid societies see Benefit societies Mutual benefit societies see Benefit societies Mycology see Fungi Myodynamics see Muscles Myology see Muscles

Myopia

See also Eye — Diseases and defects

**Myriapoda** 

See also Arthropoda
Mysteries (dramatic) see Miracle, morality
and mystery plays
Mysteries (religious)

See also Eleusinian mysteries; Mythology; Oracles

Mystery plays see Miracle, morality and mystery plays

Mysticism

See also Cabala; Neoplatonism; Quietism; Rosicrucians; Sufism

Mythical animals see Animals, Mythical

Refer from Harmony

Refer from U. S. - Music (s)

Refer from Concert halls (s); Theaters Refer from Accompaniment, Musical (s); Composition (music); Music; Piano—Instruction and study; Singing and voice culture

Refer from Festivals; Music; Musical societies

Refer from Canon (music); Form, Musical (s); Fugue; Music; Music — Appreciation; Music — Theory; Phrasing (music); Sonatas

Refer from Flute; Harpsichord; Instrumental music; Instrumentation and orchestration; Instruments; Music; Organ; Piano; Stringed instruments; Violin; Violoncello; Wind instruments

Refer from Choral societies; Music; Societies

Refer from Artists; Biography; Composers (s); Music; Music—Biography (s); Organists; Pianists; Singers; Violinists

Refer from Crime and criminals; Maritime law; Military law

Refer from Eye — Diseases and defects; Near-sightedness (s); Nearsightedness (s); Short-sightedness (s); Sight

Refer from Arthropoda

Refer from Mythology; Religion; Religious mysteries (s); Rites and ceremonies

Refer from Philosophy; Quietism; Religion; Rosicrucians; The gy

Mythology

See also Animal worship; Animals, Mythical; Archaeology; Astronomical mythology; Classical dictionaries; Fairy tales; Fauns; Folklore; Legends; Mysteries (religious); Nature myths; Religions; Superstition; Totems and totemism

-Celtic

See also Druids

-Classical

See also Amazons; Argonauts; Classical dictionaries; Eleusinian mysteries

Germanic

See also Mythology, Norse

-Greek, see Mythology, Classical -Indians, see Indians — Religion

Norse.

See also Eddas; Mythology, Germanic; Sagas

-Roman, see Mythology, Classical Scandinavian, see Mythology, Norse

-Slavic

Teutonic, see Mythology, Germanic N rays Nagualism

# Nails and spikes

See also Botany — Nomenclature; Epi-thets; Indians — Names; Medicine — Nomenclature; Words; Zoology - Nomenclature

-Geographical

See also Gazetteers: Indians - Names

—Personal

See also Indians - Names; Nicknames; Pseudonyms

Napoleonic wars

See also Europe — History — 1789-; France - History - Consulate and empire; Peninsular war, 1807-1814; Waterloo, Battle of

Narcotic habit

See also Cocaine; Morphine; Narcotics; Opium

Marcotics

See also Hashish; Morphine; Narcotic habit; Opium; Tobacco

Narragansett Indians

See also Algonquian Indians

Refer form Archaeology; Comparative mythology (s); Creation; Ethnology; Folklore; God; Heroes; Legends; Mysteries (religious); Paganism; Religion; Religions; Superstition

Refer from Celtic mythology (s); Druids

Refer from Amazons; Argonauts; Classical antiquities; Classical mythology (s); Eleusinian mysteries; Greek mythology (s); Mythology, Greek (s); Mythology, Roman (s); Roman mythology (s)

Refer from Germanic mythology (s); Mythology, Norse; Mythology, Teutonic (s); Teutonic mythology (s)

Refer from Mythology, Germanic; Mythology, Scandinavian (s); Norse mythology (s); Northern mythology (s); Scandinavian mythology (s)

Refer from Slavic mythology (s)

Refer from Light; Radiation; X rays Refer from Central America—Religion; Indians of Mexico; Mexico—Antiquities; Mexico—Religion; Religions Refer from Hardware; Railroad spikes (s);

Spikes (s)

Refer from Epithets; Etymology; Language; Nomenclature (s); Terminology (s); Words

Refer from Gazetteers; Geographical names (s); Geography; Place names (s); Proper names (s)

Refer from Christian names (s); Fore-names (s); Personal names (s); Proper names (s); Surnames (s)

Refer from England — History — 1714-1837; Europe — History — 1789-; France — History — Consulate and empire; French revolution; Germany — History — 1740-1815; Italy — History — 1789-1815; Peninsular war, 1807-1814; Waterloo, Battle of

Refer from Cocaine; Drug habit (s); Hygiene; Morphine; Narcotics; Opium; Temperance

Refer from Drugs; Hashish; Hygiene; Insomnia; Medicine; Morphine; Narcotic habit; Opium; Poisons; Therapeutics

Refer from Algonquian Indians

Mali : a string Commission

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Nasal passages see Nose Natal stones see Birth stones National bank notes see Bank notes

National banks

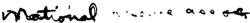
See also Bank notes; Banks and banking; Banks and banking — U. S. National cemeteries see Cemeteries, National National characteristics

See also Ethnopsychology; also names of and names of countries, subhead races, Social life and customs

## -American

See also U. S. - Social life and customs; Women in the U.S.

National debts see Debts. Public National ethics see State ethics National flowers National guard, U. S., see U. S. - Militia; also names of states, e.g. New York (state) - Militia National holidays see Holidays National hymns see National songs National ownership see Government ownership National parks and reserves See also Forest reserves



National resources see Natural resources; also names of countries, subhead Industries and resources

National road see Cumberland road National songs See also Folk songs; War songs

## National university for the U.S.

Nationalism see Government ownership; Nationalism, New; Socialism Nationalism, New

Nationalization of land see Land nationalization

## Nations

Nations, Law of, see International law Native races see Ethnology; Race problems; also names of aboriginal races, e.g. Indians Nativity of Christ see Jesus Christ — Birth Natural gas see Gas, Natural Natural history

See also Animals; Anthropology; Aquariums; Bible — Natural history; Biology; Botany; Chemistry; Ecology; Evolution; Geology; Man; Microscope and microscopy; Mineralogy; Naturalists; Nature; Nature study; Ocean; Outdoor life; Paleoncology; Physical geography; Physics; Plants; Science; Taxidermy; Zoology

—U. S.

See also Botany - U. S.; Zoology -U.S.

Refer from Banks and banking; Banks and banking - U. S.

Refer from Character; Characteristics, National (s); Ethnology; Ethnopsychology; Manners and customs; Race characteristics (s); Social psychology

Refer from U. S. — National characteristics (s); U. S. — Social life and customs; Women in the U. S.

Refer from Flowers; Flowers, National (8)

Refer from Forest reserves; Parks; Public lands; U. S. — Military reservations (s); U. S. — National parks and reserves (s); U. S. - Public lands

Refer from Folk songs; Music; National hymns (s); Patriotic songs (s); Songs; Songs, American [etc.]

Refer from Colleges and universities — U. S.; University of the U.S., Proposed (s)

Refer from Federal government; Nationalism (s); New nationalism (s); State rights; U. S. — Government

Refer from Ethnology; Government; People

Refer from Animal lore; Animals; Biology; Botany; History, Natural (s); Natural science (s); Nature; Nature study; Outdoor life; Plants; Science; Zoology

Refer from U. S. - Natural history (8)

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## Natural law

See also International law

Natural philosophy see Physics Natural religion

See also Atheism; Christianity; Creation; Deism; Ethics; Future life; God; Naturalism; Religion; Religion and science; Theology

Natural resources

See also Commercial geography; Commercial products; Conservation of resources; Forests and forestry; Geology, Economic; Mines and mineral resources; Water power Natural rights see Natural law Natural scenery see Landscape

Natural science see Natural history; Physics; Science

Natural selection

See also Evolution: Heredity: Species

Natural theology see Natural religion Naturalism

See also Agnosticism; Materialism; Positivism; Realism

Naturalism in art

See also Idealism in art; Realism in art

Naturalism in literature

See also Idealism in literature; Realism in literature

Naturalists

See also Botanists; Entomologists; Ornithologists; Scientists; Zoologists

Naturalization

See also Alien and sedition laws, 1798; Aliens; Citizenship

## Nature

See also Animals; Botany; Earth; Evolution; Natural history; Nature in literature; Nature in poetry; Nature myths; Nature study; Outdoor life; Plants; Science; Seasons; Zoology

Nature, Law of, see Natural law

Nature in literature

See also Nature in poetry

Nature in poetry

See also Nature in literature; Pastoral poetry

Nature myths

See also Animal lore; Astronomical mythology; Plant lore

Nature photography

See also Photography - Animals; Photography - Plants

✓ Nature study

See also Animals; Animals - Habits and behavior; Animals — Stories; Birds; BotaRefer from Absolute rights (s); Constitu-tional law; Ethics; International law; Law; Law of nature (s); Liberty; Natural rights (s); Nature, Law of (s)

Refer from Atheism; God; Natural theology (s); Philosophy; Religion; Religion and science; Teleology; Theism; Theology; Theology, Natural (s)

Refer from Commercial geography; Commercial products; Conservation of resources; Forests and forestry; Mines and mineral resources; National resources (s); Resources (s)

Refer from Darwinism(s); Evolution; Heredity; Selection, Natural(s); Species; Survival of the fittest (s); Variation (biology)

Refer from Natural religion; Philosophy; Realism

Refer from Art; Esthetics; Idealism in art; Painting; Realism in art

Refer from Esthetics; Fiction; Idealism in literature; Literature; Realism in literature

Refer from Authors; Biography; Botanists; Entomologists; Natural history; Ornithologists; Scientists; Zoologists

Refer from Aliens; Allegiance; Citizenship; Expatriation; Foreigners (s); Immigration and emigration; International law; Suffrage

Refer from Natural history; Nature study; Outdoor life; Philosophy; Physical geography; Scenery (8); Science

Refer from Literature; Nature; Nature in poetry

Refer from Nature; Nature in literature; Pastoral poetry; Poetry; Poetry of nature (s)

Refer from Animal lore; Folklore; Mythology; Nature; Plant lore

Refer from Nature study; Photography; notography — Animals; Photography — Photography — Animals; Photography — Nature (s); Photography — Plants; Photography of nature (s)

Refer from Animals; Animals — Habits and behavior; Animals — Stories; Botany; Educa-

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ny; Natural history; Nature; Nature photography; Object teaching; Plants; School gardens; Zoology

Nature worship

See also Animal worship; Elements, Worship of; Phallicism; Serpent worship; Sun worship; Totems and totemism; Tree worship

Nautical almanacs

Nautical astronomy

See also Astronomy, Spherical and practical; Latitude and longitude; Navigation Nautical surveying see Hydrography
Nautical terms see Naval art and science —
Dictionaries; Navigation — Dictionaries

Naval architecture see Shipbuilding

Naval art and science

See also Armor plate; Armored vessels; Blockade; Gunnery; Mines, Submarine; Naval history; Naval tactics, and other headings beginning Naval; Navies; Navigation; Navy yards and naval stations; Privateering; Sea power; Shipbuilding; Signas; Submarine boats; Submarine warfare; get practice; Torpedo boats; Torpedoes; War; Warships

Naval artillery see Naval guns

Naval battles

See also Armada, 1588; Battles; Buccaneers; Naval history; Pirates; also names of battles and of ships

Naval biography

See also Admirals; Sailors

Naval boilers see Boilers, Marine Naval education Naval engineering see Marine engineering Naval gunnery see Gunnery Naval guns

Naval history

See also Admirals; Buccaneers; History; Impressment; Military history; Naval battles; Naval biography; Navigation; Pirates; Privateering; Sea power; also names of wars, battles, vessels and commanders, and names of countries, subheads History, Naval, and Navy

Naval hospitals see Hospitals, Naval and marine

Naval hygiene

See also Military hygiene; Quarantine; Seasickness

Naval militia

See also names of states, subhead Naval militia

Naval power see Sea power Naval reserves see Naval militia Naval science see Naval art and science Naval stations see Navy yards and naval stations Naval surgery see Surgery, Naval

tion; Kindergarten; Natural history; Nature; Object teaching; Plants; Science; Science Study and teaching; Teaching; Zoology

Refer from Elements, Worship of; Worship

Refer from Almanacs; Astronomy; Ephemerides (s); Navigation

Refer from Astronomy; Astronomy, Spherical and practical; Navigation

Refer from Fighting (s); Military art and science; Naval science (s); Naval tactics; Naval warfare (s); Navies; Navy (s); Science; Sea power; Ships; Strategy (s); War; War-

Refer from Battles; Naval history; Sea fights (s)

Refer from Admirals; Biography; Naval history; Sailors

Refer from Education; Education, Naval (s)

Refer from Artillery; Guns; Naval artillery (s); Ordnance

Refer from History; History, Naval (8); Military history; Naval art and science; Naval battles; Navigation; Sea power

Refer from Hygiene; Hygiene, Naval (s); Medicine; Military hygiene; Occupations -Diseases and hygiene; Sanitation

Refer from Militia; Naval reserves (s); U. S. — Militia; U. S. — Naval militia (s); U. S. - Navy

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Naval tactics

See also Naval art and science Naval warfare see Naval art and science Navies

See also Armies; Armored vessels; Coaling stations; Disarmament; Militarism; Naval art and science; Navy yards and naval stations; Sea power; Warships, also names of countries, subhead Navy, or Army and navy

Navigation

See also Aeronautics; Beacons; Boats and boating; Buoys; Canoes and canoeing; Collisions at sea; Commerce; Compass; Fog signals; Harbors; Hydrography; Inland navigation; Knots and splices; Latitude and longitude; Lifeboats; Lighthouses; Motor boats; Nautical almanacs; Nautical astronomy; Naval history; Ocean; Ocean travel; Pilot guides; Pilots and pilotage; Rowing; Rule of the road; Sailing; Sailors; Shipbuilding; Shipping; Ships; Shipwrecks; Signals; Sounding and soundings; Steam navigation; Steamboats; Submarine boats; Traverse tables; Voyages and travels; Yachts and yachting

Yachts and yachting
—Inland, see Inland navigation
Navigation laws see Maritime law

Navy see Naval art and science; Navies; also names of countries, subhead Navy, or Army and navy

Navy yards and naval stations

Near-sightedness see Myopia Nearsightedness see Myopia **Nebulae** 

See also Astronomy; Meteoritic hypothesis; Nebular hypothesis

Nebular hypothesis

See also Astronomy; Nebulae

Necessity

See also Freedom of the will; Predestina-

Necrologies see Obituaries

Necromancy see Conjuring; Magic; Witchcraft

Needles see Pins and needles

Needlework

See also Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Fancy work; Knitting; Lace; Mending and repairing; Samplers; Sewing machines; Sewing schools; Tailoring; Tapestry

Negligence

See also Agency; Bailments; Damages;
Employers' liability

/ Negotiable instruments

See also Bonds; Commercial law; Exchange; Interest; Investments; Mortgages; Securities; Stocks

Negro dialect

See also Recitations and readings, Dialect

Refer from Naval art and science; Tactics

Refer from Armaments (s); Armies; Armored vessels; Disarmament; Fleets (s); Militarism; Military power (s); Naval art and science; Navy (s); Sea power; Ships; War; Warships

Refer from Astronomy, Spherical and practical; Boats and boating; Carriers; Commerce; Hydrography; Latitude and longitude; Locomotion; Mathematics; Nautical astronomy; Naval art and science; Naval history; Ocean; Sailing; Seamanship (a); Ships; Steam navigation; Traverse tables; Trigonometry; Waterways; Yachts and yachting

Refer from Naval art and science; Naval stations (s); Navies

Refer from Astronomy; Meteoritic hypothesis; Nebular hypothesis

Refer from Astronomy; Nebulae; Planets; Solar system; Universe

Refer from Freedom of the will; Metaphysics; Philosophy

Refer from Arts and crafts; Domestic arts; Dressmaking; Embroidery; Fancy work; Home economics; Lace; Manual training; Sewing (s); Sewing schools; Stitches (s); Women

Refer from Agency; Bailments; Carriers; Contracts; Contributory negligence (s); Damages; Employers' liability; Law; Occupations, Dangerous

Refer from Commercial law; Commercial paper (s); Credit; Law; Securities

Refer from English language — Dialects; Negroes

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Negro melodies see Negro songs Negro minstrels see Minstrel shows Negro songs

See also Jubilee singers

Negro suffrage

See also Negroes — Political and social conditions

∠ Negroes

See also Color of man; Freedmen; Maroons; Negro dialect; Negro songs; Negro suffrage; Race problems—U. S.; Slave trade; Slavery; Slavery in the U. S.; Southern states

-Biography

-Colonization [for colonization in America] See also Africa - Colonization

-Education

-Folklore -History

Political and social conditions

See also Negro suffrage

Religion

-Social life and customs

See also Voodooism

-Suffrage, see Negro suffrage Negroes in the American revolution see U.S. -

History — Revolution — Negro troops Negroes in the civil war see U. S. — History —

Civil war — Negro troops

Neighborhood gilds Neighborhood improvement

See also Playgrounds; Tree planting;

Vacant lot cultivation Neighborhood work see Social settlements Neo-Latin languages see Romance languages Neolithic period see Stone age

Neoplatonism

Nerves

See also Nervous system

Nervous diseases see Nervous system -Diseases

Nervous exhaustion see Neurasthenia Nervous prostration see Neurasthenia

Nervous system

See also Anatomy; Brain; Electrophysiology; Fatigue; Inhibition; Mind and body; Nerves; Physiology; Psychology, Physiological; Rest; Spine; Temperament

Diseases

See also Epilepsy; Headache; Hysteria; Mental diseases; Neuralgia; Neurasthenia; Worry

Nestorians

See also Eastern churches

See also Animals — Habitations; Birds; Birds' eggs

Neuralgia

See also Nervous system — Diseases

Refer from Folk songs; Negro melodies (s); Negroes; Plantation songs (s); Songs; Songs, American

Refer from Negroes; Negroes — Political and social conditions; Negroes — Suffrage (s); Suffrage

Refer from Colored people (s); Ethnology; Freedmen; Race problems; Race problems U. S.; Slavery; Slavery in the U. S.; Southern states

Refer from Africa - Colonization; Colonization of negroes (s) Refer from Education Refer from Folklore - Negroes (8)

Refer from Negro suffrage

Refer from Clubs; Gilds; Social settlements

Refer from Municipal improvement; Social settlements

Refer from Dualism; Hellenism; Mysticism; Philosophy; Platonists; Theosophy

Refer from Electrophysiology; Nervous system

Refer from Anatomy; Brain; Electrophysiology; Mind and body; Nerves; Neurology (s); Physiology; Psychology, Physiological; Spine; Temperament

Refer from Diseases (s); Hysteria; Medicine - Practice; Mental diseases; Nervous diseases (s); Neuralgia; Neurasthenia; Neuropathology (s)

Refer from Eastern churches; Sects

Refer from Animals - Habitations; Birds; Birds' nests (s); Zoology

Refer from Medicine - Practice; Nervous system - Diseases

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Neurasthenia

See also Fatigue, Mental; Nervous system - Diseases

Neurology see Nervous system Neuropathology see Nervous system - Diseases

Neuroptera

See also Insects

Neutrality

See also Alabama claims; Blockade; Contraband of war; International law; Search, Right of; Trent affair, 1861

New church see New Jerusalem church New Englanders in the West New France see Canada - History - To 1763 (New France) New Jerusalem church

New nationalism see Nationalism, New New Testament see Bible - New Testament New thought

New year New York artillery See also New York (state) — Militia

New York cavalry See also New York (state) - Militia

**New York infantry** See also New York (state) - Militia

New York volunteer artillery see New York artillery New York volunteer cavalry see New York cavalry New York volunteer infantry see New York

Newsboys Newspaper clippings see Clippings Newspaper work see Journalism; Reporting Newspapers

See also Advertising; Clippings; Editoris; Journalism; Liberty of the press; Periodicals; Publicity; Reporting -England

See also Periodicals — England

-U. S. See also Periodicals - U. S.

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Refer from Exhaustion (s); Fatigue, Mental; Medicine - Practice; Nervous exhaustion (s); Nervous prostration (s); Nervous system -Diseases

Refer from Insects

Refer from Blockade; Commerce; Contra-band of war; International law; Maritime law; Prizes (international law); Search, Right of;

Refer from New England; Western states

Refer from Church of the New Jerusalem (s); New church (s); Sects; Swedenborgianism (s)

Refer from Ethics; Higher thought (new thought) (s); Mental healing; Mental hygiene; Metaphysics; Mind and body; Philosophy; Philosophy, Modern; Psychology; Spiritual life; Suggestion

Refer from Holidays

Refer from Artillery; New York (state) — Militia; New York volunteer artillery (s); U. S. — Army; Volunteers (U. S. army) (s)

Refer from Cavalry; New York (state) -Militia; New York volunteer cavalry (s U. S. - Army; Volunteers (U. S. army) (s)

Refer from Infantry; New York (state) -Militia; New York volunteer infantry (s); U. S. - Army; Volunteers (U. S. army) (s)

Refer from Boys; Child labor

Refer from Communication; Journalism; Liberty of the press; Literature; Periodicals; Press (s); Yellow journalism (s)

from England — Newspapers Refer from England — Newspapers (s); English literature; English newspapers (s); Periodicals — England

Refer from American literature; American newspapers (s); Periodicals — U. S.; U. S. — Newspapers (8)

Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds

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Nickel

See also Metals; Nickel steel

Nickel steel

See also Armor plate

Nicknames

See also Epithets; Pseudonyms

Night

See also Dew; Dreams; Nightmare; Sleep; Somnambulism

Night schools see Evening and continuation schools

Nightmare

See also Dreams

Nihilism

See also Anarchism and anarchists; Russia
— Politics; Russia — Social conditions

Nineteenth century

See also English literature — History and criticism — 19th century; Europe — History — 1789-; History, Modern

Nitrification

See also Soil bacteriology; Soil inoculation

Nitrifying bacteria see Nitrification; Soil bacteriology

Nitrogen

See also Alkaloids; Nitrification

Nitroglycerin

See also Explosives

Nobel prizes

Nobility see Aristocracy; Heraldry; Peerage Noise

See also Sound

Nomads

See also Bedouins; Gipsies

Nomenclature see Names; also under subject, e.g. Botany — Nomenclature; Medicine — Nomenclature; Zoology — Nomenclature Nominations

See also Caucus; Election laws; Elections; Political conventions; Primaries

Noms de plume see Pseudonyms Nonconformists see Dissenters Nonjurors

See also Church of England

Nonresistance

See also Friends, Society of; Peace Nonsense verse

See also Limericks; Nursery rhymes

Normal schools

See also Teachers - Training

Refer from Metals

Refer from Armor plate; Nickel; Steel

Refer from Epithets; Names, Personal; Pseudonyms; Sobriquets (s); Soubriquets (s)

Refer from Days

Refer from Dreams; Incubus (s); Night; Sleep

Refer from Anarchism and anarchists; Government; Philosophy; Russia; Secret societies

Refer from Europe — History — 1789-; History, Modern; Progress

Refer from Agricultural chemistry; Bacteriology, Agricultural; Fertilizers and manures; Nitrifying bacteria (s); Nitrogen; Soil bacteriology; Soil inoculation; Soils

Refer from Chemical elements; Gases

Refer from Explosives

Refer from Rewards (prizes, etc.)

Refer from Municipal improvement; Nuisances; Sound

Refer from Bedouins; Gipsies

Refer from Caucus; Civil service; Direct nominations (s); Election laws; Elections; Elections — U. S.; Government; Office, Nominations for (s); Political conventions; Politics; Primaries; Representative government and representation

Refer from Church of England; Dissenters; England — History — Stuarts; England — Religious history; Jacobites; Puritans

Refer from Peace

Refer from Humor; Limericks; Nursery rhymes; Poetry

Refer from Education; Schools; Teachers; Teachers - Training

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Met sting

Norman conquest see England — History — Normans

Normans

See also England - History - Normans: Normandy; Northmen Norse literature see Icelandic literature; Scandinavian literature Norse mythology see Mythology, Norse Norsemen see Northmen North American Indians see Indians North pole

See also Arctic regions

Northeast boundary of the U.S.

Northeast passage

See also Arctic regions

Northeastern boundary of the U. S. see Northeast boundary of the U. S. Northern lights see Auroras Northern mythology see Mythology, Norse Northmen

See also America - Discovery and exploration - Pre-Columbian; Iceland — History; Normans; Norway Scandinavia — History — History : Sagas :

Northwest, Canadian Northwest, New, see Northwestern states Northwest, Old, see Northwest Territory, U. S. Northwest boundary of the U.S.

Northwest passage

See also Arctic regions

Northwest Territory, U. S.

See also Illinois; Indiana; Michigan; Middle states; Ohio; Ordinance of 1787; Western Reserve; Wisconsin

Northwestern boundary of the U. S. see Northwest boundary of the U.S.

Northwestern states

See also Oregon trail; Western states; also names of states and regions

Norwegian language

See also Scandinavian languages

Norwegian literature

See also Danish literature; Scandinavian literature

Norwegians in the U.S.

See also Scandinavians in the U.S.

See also Catarrh; Respiratory organs; Smell

Notaries

See also Acknowledgments; Affidavits Notation (mathematics)

See also Decimal system

Notation (music) see Music - Notation Novelists

See also Authors Novels see Fiction

Refer from England - History - Normans; Northmen

Refer from Arctic regions; Earth; Polar regions (s) Refer from Boundaries; Northeastern boun-

dary of the U. S. (s); U. S. - Boundaries

Refer from Arctic regions; Discoveries and explorations

Refer from America - Discovery and exploration — Pre-Columbian; Iceland — History; Middle ages — History; Normans; Norse-men (s); Norway — History; Scandinavia — History; Sea kings (s); Vikings (s)

Refer from Canada; Canadian Northwest (s)

Refer from Boundaries; Northwestern boundary of the U. S. (s); U. S. — Boundaries

Refer from Arctic regions; Discoveries and explorations

Refer from Middle states; Northwest, Old (8); Old Northwest (8); Ordinance of 1787; U. S. — History; Western states

Refer from Northwest, New (s); Western states

Refer from Germanic languages; Scandinavian languages

Refer from Danish literature; Scandinavian literature

Refer from Scandinavians in the U. S.; U. S. — Foreign population

Refer from Anatomy; Face; Head; Nasal passages (s); Respiratory organs; Smell

Refer from Commercial law; Law

Refer from Arithmetic; Mathematical notation (s); Mathematics

Refer from Authors; Fiction



Nucleation, Atmospheric, see Atmospheric nucleation

Nude in art

See also Art and morals

Nuisances

See also Noise: Smoke

Nullification

See also Kentucky and Virginia resolutions, 1798; State rights

Numbers [theory of]

See also Arithmetic; Groups, Theory of; Magic squares; Numerals

Numerals [the signs and words]
See also Numbers

**Numismatics** 

See also Bible — Numismatics; Coinage; Medals; Money; Seals (numismatics)

Nunneries see Convents and nunneries

Nun

See also Carmelites; Convents and nunneries; Religious orders; Sisterhoods; Sisters of charity; Ursulines

Nurseries (horticulture)

See also Forest nurseries

Nurseries, Day, see Crèches

Nursery rhymes

See also Children's poetry; Counting out; Nonsense verse

Nurses and nursing

See also Children — Care and hygiene; Cookery for the sick; Diet; First aid in illness and injury; Hospitals; Invalids; Red cross; School nurses; Sisters of charity

Nutation

See also Astronomy, Spherical and practical

Nutrition

See also Absorption (physiology); Diet; Digestion; Food; Metabolism Nutrition of plants see Plants — Chemistry and nutrition

Nuts

Nuts (machinery) see Bolts and nuts

Oak trees see Oaks

Oaks

Oarsmanship see Rowing

Oases

See also Deserts

Oaths

See also Perjury; Swearing

Oats

See also Grain

Obedience

Obelisks

See also Egypt - Antiquities

Oberammergau passion play Obesity see Corpulence

Refer from Art; Art and morals; Human figure in art (s)

Refer from Hygiene, Public; Law

Refer from Government; State rights; U. S. - Politics

Refer from Algebra; Arithmetic; Mathematics; Numerals

Refer from Arabic numerals (s); Arithmetic; Mathematics; Numbers

Refer from Archaeology; Art; Coins (s); History; History, Ancient; Medals; Money; Seals (numismatics)

Refer from Convents and nunneries; Monasticism; Religious orders; Sisterhoods; Women

Refer from Fruit culture; Gardening

Refer from Children's poetry; Children's songs; Folklore; Nonsense verse; Poetry of childhood (s)

Refer from Charities; Children — Care and hygiene; District nurses (s); Hospitals; Hygiene; Invalids; Medicine; Medicine — Practice; Therapeutics; Trained nurses (s); Women

Refer from Astronomy; Astronomy, Spherical and practical; Earth; Latitude and longitude

Refer from Assimilation (s); Diet; Digestion; Food; Metabolism; Physiology

Refer from Food; Fruit; Trees

Refer from Oak trees (s); Trees

Refer from Deserts

Refer from Ethics; Government; Perjury; Swearing

Refer from Feeding and feeding stuffs; Grain

Refer from Conduct of life; Ethics

Refer from Archaeology; Architecture; Egypt — Antiquities; Monuments Refer from Passion plays

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Ohituaries

See also Epitaphs; Funeral sermons; Inscriptions

Object teaching
See also Kindergarten; Nature study; Observation; Quincy system

### Observation

Observations, Magnetic, see Magnetism, Terrestrial - Observations

Observations, Meteorological, see Meteorology Observations

Observatories, Astronomical, see Astronomical observatories

Observatories, Meteorological, see Meteorological observatories

# **Obstetrics**

Occult sciences

See also Alchemy; Astrology; Cabala; Crystal gazing; Demonology; Divination; Magic; Oracles; Psychical research; Second sight; Spiritualism; Theosophy; Witchcraft Occultations

See also Astronomy: Astronomy, Spherical and practical

Occupational diseases see Occupations ---Diseases and hygiene

Occupations

See also Business; Handicraft; Profession, Choice of; Professions; Vocational education; Women — Occupations; also names of occupations

-Dangerous

See also Accidents; Employers' liability; Mine accidents; Negligence; Occupations -Diseases and hygiene; Railroads — Accidents; Safety devices

Diseases and hygiene

poisoning; Military hygiene; Naval hygiene; Occupations, Dangerous; School hygiene

See also Algae; Coast changes; Commerce; Dredging; Hydrography; Icebergs; Marine biology; Marine zoology; Navigation; Ocean currents; Ocean travel; Phosphorescence; Physical geography; Sailors; Sea food; Sea level; Sea stories; Sea walls; Sea water; Seashore; Seasickness; Ships; Shipwrecks; Sounding and soundings; Tides; Voyages and travels; Waves; also headings beginning Marine and Naval Marine and Naval

#### Ocean currents

Ocean life see Marine biology; Seafaring life Ocean travel

See also Sailors; Seasickness; Steamboats; Steerage; Travel; Voyages and travels Oceanic languages

See also Philippine languages; Polynesian languages

Refer from Biography; Death notices (s); Epitaphs; Funeral sermons; Inscriptions; Necrologies (8)

Refer from Education; Education, Elementary; Kindergarten; Nature study; Quincy system; Teaching

Refer from Attention; Object teaching; Psychology; Psychology, Educational

Refer from Medicine - Practice; Midwifery (s): Women - Diseases

Refer from Alchemy; Astrology; Cabala; Demonology; Devil worship; Divination; Hermetic art (s); Magic; Psychical research; Science; Superstition; Witchcraft

Refer from Astronomy; Astronomy, Spherical and practical; Eclipses; Moon; Planets

Refer from Business; Handicraft; Labor and laboring classes; Profession, Choice of; Professions; Success; Trades (s); Vocations (s)

Refer from Accidents; Dangerous occupa-tions (s); Employers' liability; Industrial arts; Injurious occupations (s); Occupations -Diseases and hygiene

Refer from Diseases (s); Hygiene; Hygiene, Industrial (s); Hygiene, Public; Hygiene of employment (s); Industrial diseases (s); Industrial hygiene (s); Occupational diseases (s); Occupations, Dangerous

Refer from Dredging; Earth; Hydrography; Marine zoology; Meteorology; Natural history; Navigation; Oceanography (s); Physical geography; Sea (s); Seashore; Thalassography (s); Tides; Water

Refer from Currents (s); Hydrography; Ocean

Refer from Navigation; Ocean; Steamboats; Travel; Voyages and travels

Refer from Language; Philippine languages; Polynesian languages

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Oceanography see Hydrography; Ocean Octateuch see Bible — Old Testament — Octateuch Odd Fellows

Odes

See also Lyric poetry Odontology see Teeth Odors

See also Incense; Perfumery; Smell Oecology see Ecology Office, Nominations for, see Nominations Office, Tenure of, see Civil service Office supplies

See also Card system in business; Cash registers

Official publications see Government publica-

Oil see Essences and essential oils; Oils and fats; Petroleum

Oil engines see Gas and oil engines
Oil painting

See also Painting Oil wells see Petroleum

Oils, Essential, see Essences and essential oils Oils and fats

See also Chemistry, Technical; Essences and essential oils; Lubrication and lubricants; Petroleum

Old age

See also Age; Age limit of employment; Homes for the aged; Longevity; Old age

Old age homes see Homes for the aged Old age pensions

See also Civil service pensions

Old English language see Anglo-Saxon language; English language — Middle English Old English literature see Anglo-Saxon literature; English literature — History and criticism — Middle English Old ladies' homes see Homes for the aged Old maids see Spinsters Old Northwest see Northwest Territory, U. S.

Old Saxon language

See also Germanic languages; Low German

language Old Testament see Bible — Old Testament Oleomargarine

Oligarchy Olympic games

Omens

See also Astrology; Divination; Oracles

**Omnibuses** 

Onomatopoeia

Ontology see Being; Metaphysics; Philosophy Oology see Birds' eggs Refer from Benefit societies; Independent order of Odd Fellows (s); Secret societies

Refer from Lyric poetry; Poetry

Refer from Flowers; Perfumes (s); Scent (s)

Refer from Business

Refer from Painting

Refer from Animal fats (s); Animal oils (s); Animal products; Chemistry, Technical; Coaltar products; Fat (s); Fats (s); Grease (s); Lubrication and lubricants; Mineral oils (s); Oil (s); Vegetable oils (s)

Refer from Age; Aged (s); Aged poor (s); Longevity

Refer from Aged poor (s); Insurance, State and compulsory; Labor and laboring classes; Old age; Pensions; Poor; Thrift

Refer from Germanic languages; Low German language; Saxon language (s)

Refer from Butter; Dairy products; Food adulteration and inspection
Refer from Aristocracy; Government
Refer from Athletics; Games; Greece—
Social life and customs; Sports

Refer from Divination; Portents (s); Presages (s); Signs (omens) (s); Superstition; Warnings (s)

Refer from Carriages; Carriers; Coaches and coaching; Transportation; Vehicles Refer from Language; Rhetoric

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# Open-air schools

Open and closed shop

See also Labor unions

Open shop see Open and closed shop Opera

See also Operettas; Overtures

— Librettos
— Scores
Opera houses see Theaters
Operations, Surgical, see Surgery
Operettas
See also Opera

Ophidia see Snakes Ophthalmia

See also Eye — Diseases and defects Ophthalmology see Eye Opinion see Belief; Public opinion Opium

See also Morphine; Narcotic habit;

Opportunity

See also Success
Optical chemistry see Photochemistry
Optical illusions
See also Mirage

Optical instruments

See also Astronomical instruments; Kaleidoscope; Lenses; Microscope and microscopy; Polariscope; Reflection (light); Spectacles; Spectroscope; Stereopticon; Stereoscope; Telescope
Optical interference see Interference (light)
Optics see Light
Optics, Physiological, see Eye; Optical instru-

ments; Sight

Optimism

See also Cheerfulness; Pessimism

#### **Oracles**

Oral arithmetic see Arithmetic Orange See also Fruit Orangemen

Oranges see Orange Orations

See also After-dinner speeches; Oratory

American
See also Fourth of July orations

----English

Refer from Education; Forest schools (s); Fresh air schools (s); Hygiene; Outdoor schools (s); Public schools; School hygiene; Schools; Tuberculosis

Refer from Closed shop (s); Labor and laboring classes; Labor unions; Open shop (s); Strikes and lockouts; Union shop (s)

Refer from Amusements; Drama; Dramatic music (s); Grand opera (s); Music; Operettas; Theater

Refer from Librettos (s)
Refer from Music — Scores

Refer from Comic operas (s); Dramatic music (s); Light operas (s); Opera

Refer from Eye - Diseases and defects

Refer from Agricultural products; Agriculture — Tropics; Morphine; Narcotic habit; Narcotics; Temperance

Refer from Conduct of life; Success

Refer from Illusions and hallucinations; Light; Sight

Refer from Aberration; Glass manufacture; Instruments; Light; Optics, Physiological (s); Reflection (light); Scientific apparatus and instruments

Refer from Cheerfulness; Happiness; Pessimism; Philosophy

Refer from Mysteries (religious); Occult sciences; Omens; Prophecies; Religion; Superstition

Refer from Fruit; Oranges (s)
Refer from Ireland — Politics; Ireland —
Religious history

Refer from Addresses (s); Declamation (s); Literature; Oratory; Recitations and readings; Speeches (s)

Refer from American literature; American orations (s)
Refer from English literature; English orations (s)

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Oratorios

See also Cantatas

Orators

See also Debating; Elocution; Eloquence; Gesture; Lectures and lecturing; Orations; Orators; Preaching; Rhetoric; Voice

**Orbits** 

See also Mechanics, Celestial; Perturba-

Orchard heating see Frost protection Orchards see Fruit; Fruit culture

Orchestral music

See also Instrumental music; Instrumentation and orchestration; Overtures; Symphonies

**Orchestras** 

See also Bands (music); Conducting (music); Orchestral music; Stringed instruments Orchestration see Instrumentation and orchestration

Orchids

See also Floriculture

Ordeals

See also Fire walk

Order of Malta see Malta, Knights of Order of St. George (English) see Garter, Order of the

Order of St. John of Jerusalem see Malta, Knights of

Order of the Garter see Garter, Order of the Order of Teutonic knights see Teutonic knights Order of the Rosy cross see Rosicrucians Order of the Temple see Templars; also Free-masons — Templars

Orders, Architectural, see Orders of architec-

ture Orders, Monastic, see Monasticism Orders, Religious, see Religious orders

Orders of architecture

See also Architecture, Greek; Columns

Orders of knighthood see Knights and knighthood

Ordinance of 1787

See also Northwest Territory; U. S. -History - 1783-1812

Ordination

See also Clergy

Ordnance

See also Ammunition; Arsenals; Artillery; Ballistics; Firearms; Gunnery; Gunpowder; Guns; Military art and science; Naval guns; Projectiles

Ordovician period see Geology, Stratigraphic — Ordovician; Paleontology — Ordovician Ore deposits

See also Geology, Economic; Iron ores; Mines and mineral resources; Ores

Ore dressing see Ore treatment

Refer from Church music; Music; Sacred music (s) Refer from Biography; Oratory; Speakers (s)

Refer from Debating; Elocution; Eloquence; Lectures and lecturing; Orations; Preaching; Public speaking (s); Rhetoric; Speaking (s); Speeches (s); Voice

Refer from Astronomy; Mechanics, Celestial; Perturbation; Planets

Refer from Instrumental music; Music; Music—Scores; Musical instruments; Orchestras; Symphonies

Refer from Bands (music); Conducting (music); Instrumental music; Music

Refer from Floriculture; Flowers

Refer from Criminal law; Manners and customs; Trials

Refer from Architecture; Architecture, Greek; Columns; Orders, Architectural (s)

Refer from Northwest Territory; U. S. -History - 1783-1812

Refer from Bishops; Church polity; Clergy; Episcopacy; Priests; Rites and ceremonies; Sacraments

Refer from Ammunition; Arms and armor; Artillery; Ballistics; Cannon (s); Firearms; Gunnery; Guns; Military art and science; Projectiles

Refer from Geology; Geology, Economic; Metals; Mineral lands (s); Mines and mineral resources; Ores



Ore treatment

See also Cyanide process; Electrometallurgy; Magnetic separation of ores; Metallurgy; Smelting

Oregon trail

#### Ores

See also Assaying; Geochemistry; Geology, Economic; Iron ores; Metallurgy; Metals; Mineralogy; Mines and mineral resources; Ore deposits; Ore treatment; also names of metals

Organ

See also Musical instruments; Organ music; Organists; Reed organ

Organ music

See also Church music

Organic chemistry see Chemistry, Organic **Organists** 

See also Musicians Organized charity see Charity organization Organized labor see Labor unions Organography see Anatomy; Botany, Structural; Morphology

Organotherapy
See also Serum therapy

Organs see Organ Orient see East Oriental architecture see Architecture, Oriental Oriental civilization see Civilization, Oriental

Oriental languages See also Armenian language; Chinese language; Dravidian languages; Indo-Aryan languages; Iranian languages; Indo-Aryan languages; Iranian languages; Japanese language; Semitic languages; Tamil language and literature

Oriental literature

See also Arabic literature; Assyro-Babylonian literature; Chinese literature; Hebrew literature; Hindu literature; Japanese literature; Persian literature; Sanskrit literature; Tamil language and literature

Oriental philosophy see Philosophy, Oriental Orientation

Orientation (architecture)

Origin of life see Life — Origin Origin of man see Man — Origin and antiquity Origin of species see Evolution; Species Original sin see Sin Oriskany formation see Geology, Stratigraphic
— Devonian; Paleontology — Devonian

Ornament see Decoration and ornament Ornamental alphabets see Illumination of manuscripts and books; Lettering Ornamental design see Design, Decorative

Ornithologists

See also Naturalists Ornithology see Birds Orology see Mountains Orphan asylums see Orphans and orphan asylums

Refer from Metallurgy; Ore dressing (s); Ores: Smelting

Refer from Indian trails; Roads — U. S.; Northwestern states; Trails (s); Western states

Refer from Assaying; Geochemistry; Geology, Economic; Metallurgy; Metals; Mineralogy; Minerals (s); Mines and mineral resources; Ore deposits

Refer from Musical instruments; Organs (s); Pipe organ (s)

Refer from Church music; Instrumental music; Music — Scores; Organ

Refer from Musicians; Organ

Refer from Therapeutics

Refer from Armenian language; Asiatic languages (s); Chinese language; Dravidian languages; Indo-Aryan languages; Iranian languages; Japanese language; Language; Semitic languages

Refer from Arabic literature; Asia — Literature (s); Asiatic literature (s); Assyro-Babylonian literature; Chinese literature; Hebrew literature; Hindu literature; Japanese literature; Literature; Persian literature; Sanskrit literature; Tamil language and literature

Refer from Animals - Habits and behavior: Animals — Orientation (s); Direction, Sense of (s); Instinct Refer from Architecture; Church architecture

Refer from Naturalists; Scientists; Zoologists

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Orphans and orphan asylums

See also Adoption; Charity schools; Children — Charities, protection, etc.; Foundlings

Orthodox eastern church see Greek church Orthodoxy

See also Calvinism; Congregationalism

Orthoppy see Phonetics; Pronunciation Orthographic projection see Projection Orthography see Spelling Orthopedics see Deformities Orthoptera

See also Insects; Locusts

**Osmosis** 

See also Absorption (physiology); Chemistry, Physical; Solution (chemistry)

Osteology see Bones Osteopathy

See also Mechanotherapy

Ostriches

See also Birds
Ostrogoths see Goths
Otology see Ear

Outdoor life

See also Camping; Country life; Farm life; Fishing; House boats; Hunting; Mountaineering; Natural history; Nature; Picnics; Sports; Vacations; Walking; Wayfaring life Outdoor relief

See also Charities
Outdoor schools see Open-air schools
Outlaws

See also Brigands and robbers; Crime and criminals

Ovens

See also Baking; Stoves

Overland journeys to the Pacific [for pre-railroad journeys only]

See also Frontier and pioneer life; Western

Overpressure (education)
See also Curriculum; Overwork

# **Overtures**

states

Overwork

See also Fatigue; Overpressure (education); Rest
Ownership see Property

Ox see Oxen

Oxen

See also Cattle; Live stock
Oxford movement

Oxygen . Ovsters

See also Bivalves; Pearls

Ozone Pacific cable see Cables, Submarine Refer from Asylums; Charities; Charity schools; Children; Children— Charities, protection, etc.; Foundlings; Homes (institutions) (s); Orphan asylums (s)

Refer from Calvinism; Congregationalism; Theology

Refer from Insects; Locusts

Refer from Absorption (physiology); Cells; Chemistry, Physical; Fluids; Physics; Physiological chemistry; Solution (chemistry)

Refer from Mechanotherapy; Therapeutics

Refer from Birds

Refer from Camping; Country life; Natural history; Nature; Rural life (s); Sports; Vacations; Wayfaring life

Refer from Charities; Relief work (s)

Refer from Brigands and robbers; Crime and criminals

Refer from Baking; Cookery; Stoves

Refer from Frontier and pioneer life; Transcontinental journeys, U. S. (s); U. S. — Description and travel; Western states

Refer from Curriculum; Education; Fatigue, Mental; Overwork; School hygiene; School management

Refer from Instrumental music; Music; Opera; Orchestral music

Refer from Fatigue; Hygiene; Overpressure (education); Work

Refer from Cattle; Live stock; Ox (s)
Refer from Catholic church; Church of England; Puseyism (s); Tractarianism (s)

Refer from Chemical elements; Gases

Refer from Bivalves; Food; Mollusks; Sea food

Refer from Air; Gases

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Pacific coast

See also Pacific states

Pacific states

See also Frontier and pioneer life; Pacific coast; Western states; also names of states
Pacing see Horse; Horse racing

Pack transportation Packing for shipment

Packing houses

See also Packing industry

Packing industry

See also Beef; Meat; Meat inspection; Packing houses; Slaughtering and slaughterhouses

Padrone system

See also Contract labor

Pagan civilization see Civilization, Pagan Paganism

See also Idolatry; Mythology

**Pageants** 

See also Coronations; Festivals; Play festivals; Processions

Pain

See also Anesthetics; Pleasure; Suffering; Vivisection

**Paint** 

See also Chemistry, Technical; Color; Corrosion and anti-corrosives; Painting

Painted glass see Stained glass Painters

See also Artists

**Painting** 

See also Anatomy, Artistic; Animal painting and illustration; Art; China painting; Christian art and symbolism; Color; Composition (art); Decoration and ornament; Drawing; Esthetics; Figure painting; Flower painting and drawing; Frescoes; Idealism in art; Illumination of manuscripts and books; Impressionism (art); Landscape painting; Marine painting; Miniature painting; Mural painting and decoration; Naturalism in art; Oil painting; Paint; Painters; Painting, Mechanical; Paintings; Pastel; Perspective; Portrait painting; Preraphaelitism; Proportion (art); Realism in art; Scene painting; Sepia painting; Stained glass; Stencil work; Water color painting

Italian

----Mechanical

See also Carriage painting; Color; Gilding; Graining; House painting; Lettering; Marbling; Paint; Sign painting; Stains and staining; Varnish and varnishing; Wood finishing

**Paintings** 

See also Art — Exhibitions; Art — Galleries and museums; Art forgeries; Madonnas; Painting: Pictures: Portraits

Paints see Paint

Refer from Pacific states

Refer from Pacific coast; Western states

Refer from Horse; Transportation Refer from Baggage; Commerce; Transportation

Refer from Architecture; Packing industry

Refer from Beef; Canned food (s); Food supply; Meat; Packing houses; Slaughtering and slaughterhouses

Refer from Contract labor; Italians in the U. S.; Labor and laboring classes

Refer from Heathenism (s); Idolatry; Religion

Refer from Acting; Amusements; Drama; Entertainments; Festivals; Processions

Refer from Diagnosis; Emotions; Pleasure; Psychology, Physiological; Senses and sensation; Suffering

Refer from Chemistry, Technical; Corrosion and anti-corrosives; Painting; Painting, Mechanical; Paints (s); Pigments (s)

Refer from Artists; Painting; Portrait painters (s)

Refer from Archaeology; Art; Color; Composition (art); Decoration and ornament; Drawing; Esthetics; Figure painting; Graphic arts (s); Landscape painting; Marine painting; Oil painting; Paint; Paintings; Sketching (s); Water color painting

Refer from Italian painting (s)

Refer from Carriage painting; Graining; House painting; Industrial arts; Mechanical painting (s); Painting; Sign painting; Varnish and varnishing; Wood finishing

Refer from Art — Galleries and museums; Painting; Pictures

V Pau-ama, ran Brent.

Palaces

See also Architecture; Castles; also names of palaces, e.g. Alhambra, Louvre, Versailles (palace), Windsor castle

Palaeontology see Paleontology Paleobotany see Fossil plants

Paleography

See also Abbreviations; Alphabet; Books; Charters; Illumination of manuscripts and books; Inscriptions; Manuscripts; Writing Paleolithic period see Stone age

Paleontology [subdivided like Geology, Stratigraphic

See also Animals, Extinct; Footprints, Fossil; Fossil plants; Geology; also names of fossil animals, e.g. Mammoths, Trilobites; and subhead Fossil under names of animals and classes of animals, e.g. Birds, Fossil; Insects, Fossil; Invertebrates, Fossil; Mol-lusks, Fossil; Reptiles, Fossil -U. S.

See also Geology - U. S.

Paleozoic era see Geology, Stratigraphic — Paleozoic; Paleontology — Paleozoic **Palmistry** 

Palsy see Paralysis Panama canal

See also Canal Zone; Ship canals

Panics

See also Business depression; Speculation; Unemployed 1873

**Panislamism** 

**Panoramas** 

See also Cycloramas

**Panslavism** 

**Pantheism** 

See also God; Monism; Vedanta

See also Amateur theatricals; Ballet; Gesture; Puppet plays; Shadow pantomimes

Papacy see Catholic church; Popes Papal bulls see Bulls, Papal

Papal schism see Schism, The great western,

1378-1417 Paper

See also Cellulose; Marbling; Paper work; Papier-maché; Papyrus; Parchment; Stationery; Wall paper; Wood pulp Paper cutting see Paper work

Paper flowers

Paper hanging see Wall paper

Refer from Architecture

Refer from Alphabet; Archives; Diplomatics (s); Illumination of manuscripts and books; Inscriptions; Manuscripts; Writing

Refer from Animals, Extinct; Animals, Fossil (s); Extinct animals (s); Fossil plants; Fossils (s); Geology; Geology, Stratigraphic; Mammoths; Man; Natural history; Palaeontology (s); Petrifaction (s); Science; Zoology

Refer from Geology - U. S.; U. S. -Paleontology (s)

Refer from Amusements; Character; Character reading (s); Cheirognomy (s); Cheiroman-cy (s); Cheirosophy (s); Chirognomy (s); Chiromancy (s); Chirosophy (s); Divination; Fortune telling; Hand; Superstition

Refer from Canal Zone; Canals; Isthmian canal (s); Ship canals

Refer from Business; Business depression; Commerce; Commercial crises (s); Crises, Commercial (s); Economics; Finance; Finan-cial crises (s); Hard times (s); Prices; Pros-perity; Speculation; Stock exchange Refer from Eastern question (Near East);

Mohammedanism

Refer from Cycloramas; Entertainments; Pictures.

Refer from Eastern question (Near East); Europe - Politics; Russia; Slavs

Refer from God; Monism; Philosophy; Religion; Skepticism; Theology

Refer from Acting; Amateur theatricals; Amusements; Ballet; Drama; Entertainments; Gesture; Sign language; Theater

Refer from Cellulose; Chemistry, Technical; Manufactures; Parchment; Printing; Stationery; Wood pulp; Writing

Refer from Artificial flowers; Flowers; Paper work

Paris - Bonnes

Paper money

See also Bank notes; Banks and banking; Finance; Greenbacks; Legal tender; Money

Paper work [for children] See also Paper flowers

Papier-maché

Papyri see Manuscripts Papyrus

**Parables** 

See also Allegories; Bible - New Testament - Gospels; Fables; Jesus Christ -Teaching

Paradise see Eden: Heaven

**Parallax** 

See also Astronomy; Astronomy, Spherical and practical

**Paralysis** 

Šee also Apoplexy

Paramagnetism see Magnetism **Parasites** 

See also Bacteriology; Fungi; Hookworm disease; Insects, Injurious and beneficial

Parcels post

See also Library post

**Parchment** 

See also Paper

Parental schools

See also Truant schools

**Parents** 

See also Ancestor worship; Children; Domestic relations; Eugenics; Family; Fathers; Home education; Heredity; Moth-

Parish schools see Church schools

Parks

See also Amusement parks; Botanical gardens; Commons; Landscape gardening; Municipal improvement; National parks and reserves; Playgrounds; Zoological gardens; also names of cities, subhead Parks Parliament see England - Parliament; also names of other countries

Parliamentary practice

See also Amendments (parliamentary practice); Committees; Legislative bodies

Parochial schools see Church schools **Parodies** 

See also Burlesques

Parole

See also Discharged prisoners; Probation system

Refer from Bank notes; Bills of credit (s); Bills of exchange (s); Fiat money (s); Green-backs; Legal tender; Money

Refer from Busy work; Kindergarten; Paper; Paper cutting (s); Manual training Refer from Paper

Refer from Paper

Refer from Allegories; Bible; Bible - New Testament — Gospels; Fables; Jesus Christ — Teaching

Refer from Astronomy; Astronomy, Spherical and practical; Heliometer; Solar parallax (s); Stars; Stellar parallax (s); Sun

Refer from Brain; Hemiplegia (s); Medicine - Practice; Palsy (s)

Refer from Animal parasites (s); Animals—Diseases; Biology; Botany; Entozoa (s); Epizoa (s); Helminthology (s); Insects, Injurious and beneficial; Medicine—Practice; Pathology; Plants—Diseases; Worms; Zoology
Refer from Express companies; Library post;

Refer from Manuscripts; Paper Refer from Crime and criminals; Executive power; Law

Refer from Juvenile delinquency; Schools; Truant schools

Refer from Children; Domestic relations; Family; Fathers; Mothers

Refer from Botanical gardens; Cities; Commons; Land; Landscape gardening; Municipal improvement; Playgrounds

Refer from Amendments (parliamentary practice); Committees; Debating; Law; Legislation; Legislative bodies; Rules of order (s)

Refer from American literature; Burlesques; English literature; German literature; Humor; Literature; Poetry; Satire

Refer from Crime and criminals; Discharged prisoners; Indeterminate sentence; Prisons; Probation system; Punishment

Parrots

See also Birds

Parsees

See also Avesta: Fire worship: Zoroastrianism Parsis see Parsees Parsons see Clergy

Part songs see Choruses and part songs Parthenogenesis

Parties see Balls (parties); Children's parties; Entertaining

Parties, Political, see Political parties

Partnership

See also Agency; Bankruptcy; Commercial law; Corporations; Joint-stock companies; Trade-marks Party government see Political parties Party platforms see Platforms, Political Passenger coaches see Cars Passes (free transportation)

Passion plays

See also Miracle, morality and mystery plays; Oberammergau passion play Passions see Emotions

**Passover** 

· See also Jews - Religion; Lord's supper

**Passports** Paste

See also Adhesives: Glue Pastel

**Pasteurism** 

Pastimes see Amusements; Games; Sports Pastoral poetry
See also Nature in poetry

Pastoral theology see Clergy; Pastoral work Pastoral work

See also Clergy; Preaching

Pastors see Clergy; Pastoral work; Preachers; Priests

Pastry

See also Baking; Cookery

Pastures and meadows

See also Forage plants; Grasses; Grazing: Hay

Patent medicines see Medicines, Proprietary **Patents** 

See also Inventions: Trade-marks

Paternalism

See also Despotism; Government ownership; Government regulation of industry; Socialism

Pathological botany see Plants - Diseases

Refer from Birds

Refer from Avesta; Fire worship; India -Religion; Parsis (s); Religions; Zoroastrianism

Refer from Biology; Embryology; Reproduction

Refer from Commerce; Commercial law; Contracts; Joint-stock companies; Law

Refer from Railroad passes (s); Railroads; Railroads - Passes (s); Railroads - Rates

Refer from Drama; Miracle, morality and mystery plays; Theater

Refer from Jews; Jews - Religion; Lord's

Refer from International law; Travel

Refer from Adhesives: Glue Refer from Art; Crayon drawing; Drawing; Painting Refer from Hydrophobia; Inoculation

Refer from Bucolic poetry (s); Country life; Eclogues (s); Nature in poetry; Poetry; Rural poetry (s)

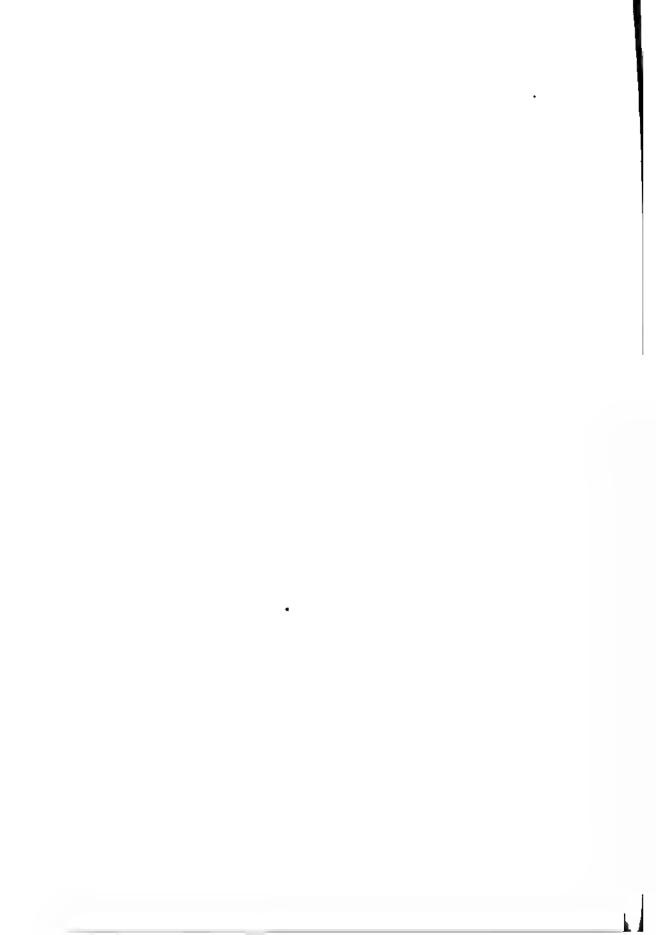
Refer from Church work; Clergy; Pastoral theology (s); Pastors (s); Theology, Pastoral (s)

Refer from Baking; Cookery; Pies (s)

Refer \*from Agriculture; Forage plants; Grasses; Grazing; Hay; Meadows (s); Rotation of crops

Refer from Discoveries (in science) (s); Industrial arts; Intellectual property Inventions; Law; Letters patent (s); Machinery; Manufactures; Property, Intellectual (s); Trade-marks

Refer from Despotism; Government; Government regulation of industry; Socialism



Pathological chemistry see Physiological chem-

Pathological psychology see Mental diseases

Pathology

See also Abscess; Autopsy; Bacteriology; Blood; Contagion and contagious diseases; Diagnosis; Fever; Germ theory of disease; Hair; Hemorrhage; Histology; Hygiene; Immunity; Inflammation; Longevity; Ma-laria; Medical geography; Medicine; Medi-cine—Practice; Parasites; Physiological chemistry; Ptomaines; Suppuration; Temperament; Therapeutics; Toxins; Tumors
—Vegetable, see Plants — Diseases

Patience

Patience (game) see Solitaire Patriarchal government see Patriarchy **Patriarchs** 

See also Bible - Old Testament - Gene-

Patriarchy

See also Tribes and tribal system

Patriotic societies

See also U. S. — History — Revolution -Societies; U. S. - History - Civil war -Societies

Patriotic songs see National songs; War songs **Patriotism** 

See also Citizenship; Loyalty; Preservation of landmarks, scenery, etc.

Patriots' day
Patristics see Fathers of the church Patrology see Fathers of the church Patrons of husbandry see Grange Pattern making

See also Foundry work; Mechanical

Pauline epistles see Bible — New Testament — **Epistles** 

Pauperism see Poor

**Pavements** 

See also Asphalt; Bricks; Concrete; Mosaics; Roads; Roads, Macadamized; Sidewalks; Streets

Paving see Pavements - Pawnbroking

See also Bailments

Pawnshops see Pawnbroking Peace

See also Arbitration, International; Disarmament; International relations; Militarism; Nonresistance; War

See also Fruit

Pear See also Fruit

Pearls

Pears see Pear

Refer from Diagnosis; Disease (s); Hygiene; Medicine; Physiology; Therapeutics

Refer from Conduct of life; Ethics

Refer from Bible; Bible - Old Testament-Biography; Bible - Old Testament - Genesis; Jews

Refer from Family; Government; Patriarchal government (s); Tribes and tribal system

Refer from Societies; U. S.—History— Revolution—Societies; U. S.—History— Civil war - Societies

Refer from Citizenship; Conduct of life; thics; Government; Loyalty; Political Ethics; Government; ethics; Public spirit (s) Refer from Holidays

Refer from Foundry work; Machine shop practice; Machinery; Mechanical drawing; Metals

Refer from Asphalt; Bricks; Cement; Concrete; Floors; Municipal engineering; Municipal improvement; Paving (8); Roads; Sidewalks; Streets

Refer from Bailments; Banks and banking; Commerce; Pawnshops (s)

Reser from Arbitration, International; Disarmament; Ethics; International law; International relations; Militarism; Nonresistance; Sociology; War

Refer from Fruit

Refer from Fruit; Pears (s) Refer from Diving; Jewelry; Mollusks; Oysters; Precious stones



Peasantry

See also Farm labor; Peasants' war; Villeinage

Peasants' war, 1524-1525

See also Anabaptists; Germany - His-- 1517-1740; Reformation - Germanv Peat

See also Briquets; Geology, Economic

Pedagogy see Teaching Peddlers and peddling

See also Salesmanship; Street cries

Pedestrianism see Walking Pediatrics see Children -- Care and hygiene; Children — Diseases Pedigrees see Genealogy; Heraldry; Horse

See also Aristocracy; Heraldry; Knights and knighthood; Titles of honor and nobility

Pelagianism

See also Church history - Early church

Pelagic fauna see Marine zoology Pellagra

Peloponnesian war

See also Greece - History Pen and ink drawing see Pen drawing Pen drawing Penal codes see Criminal law Penal colonies See also Exile; Siberia - Exiles

Penal institutions see Penal colonies; Prisons; Reformatories Penal law see Criminal law

**Penance** 

See also Absolution; Church discipline; Confession; Fasting; Pilgrimages; Repentance

Pendulum

See also Earth - Rotation; Gravitation

Peninsular campaign, 1862

See also Army of the Potomac: U. S. -History - Civil war

Peninsular war, 1807-1814

See also Europe — History — 1789-; Napoleonic wars; Spain — History — 1700-

Penitence see Repentance Penitentes see Flagellants Penitentiaries see Prisons

Refer from Agriculture; Country life; Farm labor; Feudalism; Labor and laboring classes

Refer from Anabaptists; Germany — History — 1517-1740; Peasantry; Reformation - Germany

Refer from Bog fuel (s); Fertilizers and manures; Fuel; Geology, Economic; Physical geography

Refer from Business; Commercial travelers; Hucksters (s); Merchants; Street cries

Refer from Aristocracy; Baronage (s); Baronetage (s); Biography; Class distinction; Genealogy; Heraldry; Knightage (s); Knighta and knighthood; Nobility (s); Titles of honor and nobility

Refer from Church history - Early church; Theology

Refer from Medicine - Practice; Skin -Diseases

Refer from Greece - History

Refer from Drawing; Pen and ink drawing (s)

Refer from Banishment (s); Colonies and colonization; Convicts (s); Crime and criminals; Deportation (s); Exile; Exportation (s); Labor colonies (s); Penal institutions (s); Prisons; Punishment; Transportation of criminals (s)

Refer from Absolution; Catholic church; Church discipline; Church polity; Confession; Pilgrimages; Repentance; Sacraments; Tneology

Refer from Clocks and watches; Geodesy; Gravitation; Physics; Timekeepers

Refer from Army of the Potomac; U. S. -History — Civil war — Campaigns and battles

Refer from England — History — 1714-1837; Europe — History — 1789<sup>±</sup>; France — History — Consulate and empire; Napoleonic wars; Portugal - History; Spain - History **— 1700**-

Penmanship

Haryware

See also Graphology; Lettering; Writing

Pennsylvania Dutch see Germans in Pennsylvania

Pennsylvania Germans see Germans in Pennsylvania

Penny lunches see School lunches Penology see Punishment

Pens

7 Pensions

See also Annuities; Bounties, Military; Civil service pensions; Old age pensions; Railroads — Pensions; Soldiers' homes; Teachers — Salaries, pensions, etc.

Pentateuch see Bible — Old Testament — Pentateuch

Peonage

See also Contract labor

People

See also Democracy; Folklore; Labor and laboring classes; Liberty; Nations; Poor; Public opinion; Sociology

People's palaces see Social centers

Pequot war, 1636-1638

See also Connecticut — History; Indians — Wars; U. S. — History — Colonial period

Perception

See also Apperception; Hearing; Psychology; Senses and sensation; Sight; Space perception

Perfection, Christian, see Sanctification Perfumery

See also Chemistry, Technical; Incense

Perfumes see Odors; Perfumery Pergolas

See also Architecture

Periodic law

See also Chemistry, Physical

Periodicals

See also Advertising; Chapbooks; Children's periodicals; Journalism; Liberty of the press; Newspapers; Students' periodicals; also subhead Periodicals under various subjects

-England

See also Newspapers - England

---Indexes

—U. S.

See also Newspapers - U. S.

Perjury

See also Oaths; Witnesses

Refer from Business education; Calligraphy (s); Chirography (s); Graphology; Handwriting (s); Writing

Refer from Manufactures; Writing

Refer from Annuities; Compensation (8); Poor; Soldiers

Refer from U. S. — Pensions (s)

Refer from Contract labor; Labor and laboring classes; Serfdom; Slavery

Refer from Sociology

Refer from Connecticut — History; Indians — Wars; New England — History; U. S. — History — Colonial period

Refer from Apperception; Consciousness; Intellect; Knowledge; Psychology; Psychology, Educational; Senses and sensation; Space perception

Refer from Chemistry, Technical; Cosmetics; Costume; Essences and essential oils; Manufactures; Odors; Perfumes (s); Scent (s); Toilet

Refer from Architecture; Landscape garden-

Refer from Atomic weights; Chemical elements; Chemistry; Chemistry, Physical; Metals

Refer from Journalism; Literature; Magazines (s); Newspapers; Press (s)

Refer from English literature; English periodicals (s); Newspapers — England Refer from Bibliography; Indexes

Refer from American literature; American periodicals (8); Newspapers — U. S.; U. S. — Periodicals (8)

Refer from Crime and criminals; Criminal law; Oaths; Witnesses

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Permian period see Geology, Stratigraphic — Permian; Paleontology — Permian

Perpetual motion Persecution

See also Albigenses; Church and state; Friends, Society of; Huguenots; Inquisition; Jews — Persecution; Liberty of conscience; Martyrs: Massacres; Religious liberty; Witchcraft

Persian language See also Iranian languages

Persian literature

See also Avesta; Oriental literature; Persian poetry

Persian poetry
See also Persian literature Personal beauty see Beauty, Personal Personal liberty see Liberty Personal names see Names, Personal Personal property See also Property; Sale; Taxation

Personal religion see Christian life and character; Spiritual life

Personality

See also Consciousness; Individuality; Psychical research; Psychology; Soul

Personalty see Personal property Perspective

See also Drawing; Projection; Proportion (art): Shades and shadows

Perturbation

See also Mechanics, Celestial; Orbits; Planets; Satellites

Pessimism

See also Optimism Pestilences see Epidemics Pests see Agricultural pests; Fungi; Household pests; Insects, Injurious and beneficial; also Cotton — Diseases and pests, and similar headings Petition, Right of

Petrifaction see Petrified forests; Paleontology Petrified forests

See also Trees, Fossil

Pecrography see Rocks Petrol see Gasoline Petrol engines see Gas and oil engines Petroleum

See also Coal-tar products; Gas; Gasoline; Geology, Economic; Lamps; Liquid fuel

Petroleum engines see Gas and oil engines Petrology see Rocks

See also Cage birds; Cats; Dogs; Domestic animals

Refer from Mechanics; Motion

Refer from Catholic church; Church history; Fanaticism; Heresy; Inquisition; Liberty of conscience; Martyrs; Religious liberty

Refer from Iranian languages

Refer from Oriental literature; Persian poetry

Refer from Persian literature

Refer from Chattels (s); Law: Personalty (s); Property

Refer from Character; Consciousness; Double consciousness (s); Double personality (s); Dual personality (s); Identity, Personal (s); Individuality; Metaphysics; Multiple personality (s); Philosophy; Psychical research; Psychology; Soul; Subconsciousness

Refer from Drawing; Geometrical drawing; Geometry; Geometry, Descriptive; Light; Mechanical drawing; Painting; Projection; Proportion (art); Shades and shadows Refer from Astronomy; Mechanics, Celestial; Orbits; Planets; Satellites

Refer from Optimism; Philosophy

Refer from Government; Law; Right of petition (s)

Refer from Forests, Petrified (s); Fossil plants; Petrifaction (s); Trees, Fossil

Refer from Chemistry, Technical; Coal oil (s); Coal-tar products; Commercial products; Fuel; Gas; Geology, Economic; Kerosene (s); Lighting; Liquid fuel; Mineral oils (s); Oil (s); Oil wells (s); Wells

Refer from Animals; Domestic animals

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Pewter

See also Alloys

Phallic worship see Phallicism Phallicism

Phanerogams

See also Botany, and references under that subject Phansigars see Thugs Phantoms see Apparitions **Pharmacists** 

See also Chemists

Pharmacognosy see Drugs; Pharmacy Pharmacology see Drugs; Pharmacy Pharmacopoeias

See also Dispensatories; Drugs; Materia medica

**Pharmacy** 

See also Dispensatories; Drugs; Homeopathy; Materia medica; Medical botany; Pharmacists; Pharmacopoeias; Prescriptions

**Philanthropists** 

See also Philanthropy

Philanthropy

See also Altruism; Charitable societies; Charities; Charity; Philanthropists; Social settlements; Social work Philately see Postage stamps

Philippine languages

See also Oceanic languages Philology see Language

Philosophers

Philosopher's stone

See also Alchemy; Elixir of life

Philosophical instruments see Scientific apparatus and instruments

Philosophy

See also Agnosticism; Analogy; Atheism; Axioms; Being; Belief; Biology; Causation; Certainty; Chance; Christianity; Creation; Critical philosophy; Deism; Dualism; Egoism; Empiricism; Enlightenment; Epi-cureans; Esthetics; Eteraty; Ethics; Evi-dence; Evolution; Fate and fatalism; Force and energy; Future life; Gnosticism; God; Hedonism; Humanism; Idealism; Individuality; Infinite; Intellect; Knowledge; Liberty; Life; Logic; Man; Manicheism; Materialism; Matter; Metaphysics; Mind and body; Monadology; Monism; Mysticism; Natural religion; Naturalism; Nature; Netaphysics; Nature; Netaphysics cessity; Neoplatonism; New thought; Nihilism; Optimism; Pantheism; Personality; Pessimism; Philosophers; Physics; Platonists; Pluralism; Positivism; Pragmatism; Psychology; Rationalism; Realism; Reality; Reason; Religion; Religion and science; Scholasticism; Science; Skepticism; Sophists; Soul; Space; Spiritualism; Stoics; Supernatural; Taoism; Teleology; Theism; Theology; Theosophy; Thought and think-

Refer from Alloys; Arts and crafts; Hall marks; Lead; Metal work; Plate; Tin

Refer from Nature worship; Phallic worship (s); Sex worship (s)

Refer from Botany

Refer from Apothecaries (s); Biography; Chemists; Druggists (s); Pharmacy

Refer from Dispensatories; Drugs; Materia medica; Medical botany; Pharmacy

Refer from Chemistry; Chemistry, Medical (s); Chemistry, Pharmaceutical (s); Drugs; Materia medica; Medical botany; Medical chemistry (s); Medicine; Pharmacognosy (s); Pharmacology (s); Prescriptions; Therapeutics

Refer from Biography; Philanthropy

Refer from Benevolence (s); Charities; Ethics; Gifts; Giving (s); Philanthropists; Poor

Refer from Oceanic languages

Refer from Biography; Philosophy

Refer from Alchemy; Elixir of life; Stone, Philosopher's (s)

· Refer from Ethics; Knowledge; Life; Mental philosophy (s); Metaphysics; Ontology (s); Psychology; Reason; Religion; Science; The-ology; Thought and thinking

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Philosophy — Continued ing; Time; Transcendentalism; Truth; ing; Time; Transcendentalism; Truth; Universe; Utilitarianism; Will; also subhead Philosophy under various subjects, e.g. History — Philosophy — Ancient See also Philosophy, Greek; Philosophy, Oriental -Chinese See also Philosophy, Oriental: Taoism -Critical, see Critical philosophy -English See also Philosophy, Modern; Utilitarianism -French See also Encyclopedists; Philosophy. Modern; Positivism -German See also Critical philosophy; Philosophy, Modern; Transcendentalism Greek See also Epicureans; Philosophy, Ancient; Platonists; Sophists; Stoics -Hindu See also Philosophy, Oriental; Vedanta; Yoga -Medieval See also Scholasticism See also Agnosticism; Enlightenment; Evolution; New thought; Pragmatism; Rationalism; Transcendentalism; also Philosophy, English; Philosophy, French; Philosophy, German; etc. Moral, see Ethics -Natural, see Physics -Oriental See also Philosophy, Chinese; Philosophy, Hindu; Philosophy, Persian -Persian See also Manicheism; Philosophy, Oriental Philosophy of history see History - Philosophy Philosophy of religion see Religion - Philosophy Phlebotomy see Bloodletting Phonetic spelling see Spelling reform **Phonetics** See also Alphabet; Pronunciation; Speech; Spelling Phonograph See also Telephonograph

Refer from Philosophy, Greek

Refer from Chinese philosophy (s); Philosophy, Oriental; Taoism

Refer from English philosophy (s); Philosophy, Modern; Utilitarianism

Refer from French Philosophy (s); Philosophy, Modern; Positivism

Refer from Critical philosophy; German philosophy (s); Philosophy, Modern

Refer from Epicureans; Greek philosophy (s); Philosophy, Ancient; Platonists; Sophists; Stoics

Refer from Hindu philosophy (8); Hinduism; Philosophy, Oriental; Vedanta; Yoga

Refer from Medieval philosophy (8); Scholasticism

Refer from Modern philosophy (s); Philosophy, English; Philosophy, French; Philosophy, German

Refer from Oriental philosophy (s); Philosophy, Ancient; Philosophy, Chinese; Philosophy, Hindu; Philosophy, Persian

Refer from Manicheism; Philosophy, Oriental

Refer from Language; Orthoepy (s); Phonology (s); Pronunciation; Sound

Refer from Electricity; Gramophone (s); Graphophone (s); Sound; Talking machines (s)

Refer from Agricultural chemistry; Bone products; Fertilizers and manures; Geology, Economic

Refer from Botany — Physiology; Light; Ocean; Radioactivity; Zoology

Phosphorescence

Phosphates

Phonography see Shorthand Phonology see Phonetics

manures; Geology, Economic

See also Bone products; Fertilizers and

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**Photochemistry** 

See also Chemistry, Physical; Photographic chemistry

Photochronograph See also Ballistics

Photo-engraving

See also Photogravure; Photomechanical processes

Photo-etching see Photo-engraving Photogrammetry see Photographic surveying Photographic chemistry

See also Photochemistry; Photography -Printing processes

Photographic optics See also Lenses Photographic surveying

**Photographs** Photography

See also Astronomical photography; Blue prints; Cameras; Collotype; Color photography; Daguerreotypes; Ferrotype; Heliotype; Lenses; Moving pictures; Nature photography; Photochronograph; Photoengraving; Photographic chemistry; Photographic optics; Photographic surveying; Photographs; Photograving; Photography; Photography Photography Photography Photography phy; Photomechanical processes; Photomicrography; Radiography; Stereopticon; Telephotography

-Animals

See also Nature photography

-Astronomical, see Astronomical photography

Color, see Color photography

-Composite

-Flash-light -History

Nature, see Nature photography -Plants

See also Nature photography

—Printing processes

See also Blue prints; Photographic chemistry

Photography of animals see Photography -Animals

Photography of nature see Nature photography

Photography of plants see Photography -Plants

Photogravure

See also Photomechanical processes

Photolithography

See also Photomechanical processes

Refer from Chemical effects of light (s): Chemistry; Chemistry, Physical; Light; Optical chemistry (s); Photographic chemistry

Refer from Astronomical instruments; Astronomical photography; Ballistics; Chronograph; Photography

Refer from Engraving; Half-tone process (s); Illustration of books; Photo-etching (s); Photography; Photomechanical processes

Refer from Chemistry; Chemistry, Photographic (s); Photochemistry; Photography; Photography - Printing processes

Refer from Lenses; Photography
Refer from Photogrammetry (s); Photography; Phototopography (s); Surveying Reser from Photography; Pictures; Portraits

Refer from Art; Cameras; Daguerreotypes; Industrial arts; Light; Printing; Retouching (s); Technology

Refer from Animal photography (s); Animals — Photography (s); Animals — Picmals — Photography (s); Animals — Pictures; Nature photography; Photography of animals (s)

Refer from Composite photography (s) Refer from Flash-light photography (s)

Refer from Nature photography; Photography of plants (s); Plants — Photography (s)

Refer from Blue prints; Photographic chemistry; Platinotype (s)

Refer from Engraving; Heliogravure (s); Photo-engraving; Photography; Photomechanical processes

Refer from Lithography; Photography; Photomechanical processes

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Photomechanical processes
See also Collotype; Heliotype; Photoengraving; Photogravure; Photolithography

**Photometry** 

See also Color: Light

**Photomicrography** 

See also Microscope and microscopy

Phototherapy

See also Radiotherapy

Phototopography see Photographic surveying Phrase-books see names of languages Phrasing (music)

See also Musical form

Phrenology

See also Physiognomy

Phthisis see Tuberculosis Physical chemistry see Chemistry, Physical Physical culture see Physical education Physical deterioration

See alse Degeneration; Heredity

Physical education

See also Athletics; College athletics; Delsarte system; Exercise; Games; Gymnasiums; Gymnastics; Gymnastics, Medical; Indian clubs; Jiu-jitsu; Play; Running; School athletics; Sports; Training; Walking

Physical geography

See also Alluvium; Altitudes; Bays and gulfs; Beaches; Caves; Climate; Coast changes; Continents; Deltas; Deserts; Droughts; Dunes; Earth; Earthquakes; Erosion; Geochemistry; Geographical distribution of animals and plants; Geography; Geology; Geysers and hot springs; Glaciers; Hydrography; Ice; Icebergs; Islands; Lakes; Landslides; Magnetism, Terrestrial; Meteor-Landslides; Magnetism, refreeding, Nature; ology; Moraines; Mountains; Nature; Ocean; Peat; Plains; Ponds; Prairies; Riverses: Springs: Steppes; Tides; ers; Seashore; Springs; Steppes; Tides; Tropics; Valleys; Volcanoes; Water; Water, Underground; Waterfalls; Waterspouts; Waves -U. S.

See also Geology — U. S.; U. S.— Altitudes

Physical geology see Geology Physical instruments see Scientific apparatus and instruments

Physical training see Athletics; Physical education

Physicians and surgeons

See also Anecdotes, Medical; Medical ethics; Women as physicians

Refer from Collotype; Heliotype; Illustra-tion of books; Photo-engraving; Photography; Photogravure; Photolithography; work (s)

Refer from Electric lighting; Light; Lighting

Refer from Microphotography (s); Microscope and microscopy; Photography

Refer from Blue glass cure (s); Light; Light cure (s); Therapeutics

Refer from Music; Musical form; Piano -Instruction and study

Refer from Brain; Character; Character reading (s); Head; Man; Mind and body; Physiognomy; Physiology; Psychology; Psychology, Physiological

Refer from Degeneration; Heredity; Physiology

Refer from Athletics; Calisthenics (s); Callisthenics (s); Education; Exercise; Gymnasiums; Gymnastics; Gymnastics, Medical; Hygiene; Manly exercise (s); Muscles; Physical culture (s); Physical training (s); Sports; Training

Refer from Alluvium; Beaches; Climate; Coast changes; Continents; Deltas; Dunes; Coast changes; Continents; Deltas; Dunes; Earth; Earthquakes; Erosion; Geography; Geography, Physical (s); Geology; Geon-omy (s); Glaciers; Icebergs; Islands; Lakes; Meteorology; Moraines; Mountains; Natural history; Ocean; Physics; Physiography (s); Rivers; Science; Valleys; Volcanoes; Water

Refer from Geology — U. S.; U. S.— Geography (s); U. S.— Physical geography (s)

Refer from Biography; Doctors (s); Medical biography (s); Medical directories (s); Medical ethics; Medicine; Medicine - Directories (s); Surgeons (s); Surgery

**Physics** 

See also Agricultural physics; Air; Astronomy; Atoms; Barometer; Capillarity; Chemistry; Chemistry, Physical; Compressibility; Condensation; Diamagnetism; Dynamics; Elasticity; Electricity; Electrostatics; Ether (of space); Evaporation; Expansion (physics); Fluids; Force and energy; Friction; Gases; Gravitation; Gyroscope; Heat; Hydraulics; Hydrostatics; Kinematics; Light; Liquefaction of gases; Liquid air; Liquids; Magnetism; Matter; Mechanics; Meteorology; Molecules; Motion; Motors; Osmosis; Pendulum; Physical geography; Radiation; Radioactivity; Rotation; Soap bubbles; Solids; Sound; Statics; Steam; Thermodynamics; Thermometer; Units; Velocity; Vibration; Viscosity; Water; Waves

----Experiments

See also Electricity — Experiments; Physics — Laboratory manuals —Laboratory manuals

See also Physics — Experiments

Physiocrats Physiognomy

See also Expression; Face; Phrenology

Physiography see Physical geography Physiological botany see Botany — Physiology Physiological chemistry

See also Absorption (physiology); Animal heat; Antitoxins; Blood; Cells; Chemistry, Legal; Digestion; Enzymes; Fermentation; Gelatin; Metabolism; Osmosis; Proteins

Physiological psychology see Psychology, Physiological

Physiology

See also Absorption (physiology); Anatomy; Biology; Blood; Brain; Breathing; Color of man; Deformities; Degeneration; Digestion; Digestive system; Electrophysiology; Embryology; Growth; Heredity; Hygiene; Longevity; Man; Medicine; Metabolism; Mind and body; Monsters; Morphology; Muscles; Nervous system; Nutrition; Pathology; Phrenology; Physical deterioration; Physiognomy; Physiological chemistry; Protoplasm; Psychology, Physiological; Puberty; Respiratory organs; Senses and sensation; Sex; Sleep; Urinary organs; Vascular system; Voice; Yawning—Comparative

Physiology of plants see Botany — Physiology Phytogeography see Geographical distribution of animals and plants

Pianists

See also Musicians

Refer from Atoms; Chemistry; Chemistry, Physical; Dynamics; Electricity; Fluids; Force and energy; Gravitation; Heat; Hydraulics; Hydrostatics; Light; Magnetism; Mathematics; Matter; Mechanics; Molecules; Natural history; Natural philosophy (s); Natural science (s); Philosophy; Philosophy, Natural (s); Science; Sound; Vibration

Refer from Experiments (s); Physics — Laboratory manuals

Refer from Physics - Experiments

Refer from Economics; Single tax

Refer from Character; Character reading (s); Expression; Face; Head; Man; Phrenology; Physiology; Psychology

Refer from Animal chemistry (s); Animal heat; Biological chemistry (s); Blood; Cells; Chemistry; Chemistry, Animal (s); Chemistry, Biological (s); Chemistry, Medical (s); Chemistry, Organic; Chemistry, Pathological (s); Chemistry, Physiological (s); Gelatin; Histochemistry (s); Medical chemistry (s); Medicine; Metabolism; Pathological chemistry (s); Pathology; Physiology; Proteins

Refer from Anatomy; Biology; Blood; Body, Human (s); Breathing; Digestive system; Human body (s); Hygiene; Man; Medicine; Metabolism; Muscles; Nervous system; Respiratory organs; Vascular system

Refer from Comparative physiology (s); Zoology

Refer from Musicians; Piano

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Piano

See also Harpsichord; Musical instruments; Pianists; Piano music; Piano players; Tuning
—Instruction and study

See also Music - Instruction and study; Musical accompaniment; Phrasing (music) Piano music

See also Dance music; Instrumental music; Sonatas

-Scores

See also Duets, Instrumental; Sonatas

Piano players

Pianoforte see Piano

Pianola see Piano players

**Picnics** 

Pictographs see Picture writing

See also Celts; Scotland — Antiquities; Scotland — History

Picture books

Picture frames

Picture posters see Posters Picture writing

See also Hieroglyphics

**Pictures** 

See also Animals — Pictures; Art — Exhibitions; Art — Galleries and museums; Art forgeries; Caricature and cartoons; Drawings; Engravings; Etchings; Libraries and pictures; Moving pictures; Paintings; Panoramas; Photographs; Picture frames; Portraits; Views

Picturesque

See also Esthetics; Landscape Piece-work see Wages Pieces to speak see Recitations and readings Piers see Bridges - Foundations and piers; Wharves

Pies see Pastry **Pietists** 

See also Germany - Religious history Pig see Swine

Pig iron see Cast iron

**Pigeons** 

See also Birds

Pigmentation see Color of animals; Color of man; Skin

Pigments see Color; Dyes and dyeing; Paint Pigmies see Dwarfs

Pigs see Swine

Piles and pile driving

See also Breakwaters; Cofferdams; Foundations; Wharves

Pilgrim fathers

Sce also Brownists; Massachusetts — History; Mayflower (ship); Plymouth; Puritans; Thanksgiving day; U. S.— History - Colonial period

**Pilgrimages** 

See also Penance; Shrines

Refer from Harpsichord; Musical instru-ments; Pianoforte (s); Spinet (s); Stringed instruments; Virginal (s)

Refer from Music - Instruction and study

Refer from Dance music; Instrumental music; Piano

Refer from Music - Scores Refer from Piano; Pianola (8)

Refer from Amusements; Outdoor life

Refer from Celts; Scotland — Antiquities; Scotland — History; Stone age

Refer from Children's literature

Refer from Frames (for pictures) (s); House decoration; Pictures

Refer from Archaeology; Hieroglyphics; Inscriptions; Pictographs (s); Writing

Refer from Art; Engravings; Etchings; House decoration; Paintings; Portraits; Views

Refer from Esthetics; Landscape; Scenery (8)

Refer from Germany - Religious history

Refer from Birds; Carrier pigeons (s); Domestic animals; Doves (s); Homing pigeons (s); Poultry; Squabs (s)

Refer from Breakwaters; Civil engineering; Cofferdams; Foundations; Wharves

Refer from Biography; Brownists; Christian biography; Massachusetts — History; May-flower (ship); Plymouth; Puritans; U. S.— Biography; U. S.— History — Colonial period

Refer from Catholic church; Penance; Shrines; Travel; Voyages and travels

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Pillars see Columns Pillory Pilot guides

Pilots and pilotage
See also Pilot guides

Ping-pong
Pingree plan see Vacant lot cultivation
Pins and needles
Pioneer life see Frontier and pioneer life

See also Boiler scale; Pipe fitting; Steam pipes; Tubes

Pipe fitting
See also Gas fitting; Plumbing; Steam

pipes
Pipe organ see Organ
Pipes see Pipe; Pipes, Tobacco; Steam pipes
Pipes, Tobacco

See also Smoking; Tobacco

Piracy see Pirates Pirates

See also Buccaneers; Privateering; Treasure-trove

Pisces see Fish
Pisciculture see Fish culture
Pistols
See also Firearms

Pitch, Mineral, see Asphalt Place names see Names, Geographical Placer mining see Gold dredging; Hydraulic mining

Plagiarism

See also Literary forgeries and mystifications

Plague

See also Black death; Epidemics; London
— Epidemics

Plaids see Tartans Plain chant see Chants Plain song see Chants Plains See also Provisions

See also Prairies; Steppes Plainsong see Chants Plane geometry see Geometry Planers see Planing machines Planetesimal hypothesis Planets

See also Asteroids; Astrology; Astronomy; Earth; Moon; Nebular hypothesis; Occultations; Orbits; Perturbation; Planetesimal hypothesis; Plurality of worlds; Satellites; Solar system; Transits; also names of planets

Planimeter

Planing machines

See also Machine tools; Woodworking machinery

Refer from Punishment
Refer from Coast pilots (s); Navigation;
Pilots and pilotage; Sailing directions (s)

Refer from Harbors; Inland navigation; Navigation; Sailors Refer from Games; Table tennis (s); Tennis

Refer from Manufactures; Needles (s)

Refer from Pipes (s); Tubes

Refer from Gas fitting; Pipe; Plumbing; Steam fitting (s); Steam pipes

Refer from Pipes (s); Smoking; Tobacco; Tobacco pipes (s)

Refer from Barbary corsairs (s); Buccaneers; Corsairs (s); Crime and criminals; Filibusters; Freebooters (s); International law; Maritime law; Naval battles; Naval history; Piracy (s)

Refer from Arms and armor; Firearms; Guns; Revolvers (s)

Refer from Authorship; Literary forgeries and mystifications; Literature

Refer from Black death; Bubonic plague (s); Contagion and contagious diseases; Epidemics; London — Epidemics; London — History; Medicine— Practice

Refer from Physical geography

Refer from Astronomy; Planets; Solar system; Universe Refer from Astronomy; Mechanics, Celestial; Perturbation; Satellites; Solar system; Stars

Refer from Mathematical instruments; Surveying instruments

Refer from Machine shop practice; Machine tools; Machinery; Planers (s); Woodworking machinery

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## **Planispheres**

Plankton

See also Fresh-water life; Marine biology; Marine zoology

Plans (architecture) see Architectural drawing; Architecture, Domestic

Plant anatomy see Botany, Structural

Plant breeding

See also Hybridization; Mendel's law; Plant propagation; Seeds — Selection and testing

Plant chemistry see Plants — Chemistry and nutrition

Plant diseases see Plants - Diseases

Plant embryology see Botany — Embryology Plant forms

See also Design, Decorative; Flower painting and drawing

Plant geography see Geographical distribution of animals and plants

Plant introduction

See also Acclimatization (plants)

Plant lice

See also Hemiptera

Plant lore

See also Flower language; Folklore; Nature myths
Plant morphology see Botany, Structural
Plant names see Botany — Nomenclature
Plant pathology see Plants — Diseases
Plant physiology see Botany — Physiology
Plant propagation

See also Grafting; Plant breeding; Seeds

Plantation songs see Negro songs

Planting see Agriculture; Forest planting; Gardening; Landscape gardening; Tree planting

Plants [for descriptive and non-systematic material)

See also Agriculture; Alpine plants; Annuals (plants); Aquatic plants; Botany; Climbing plants; Color of plants; Fertilization of plants; Floriculture; Flowers; Gardening; Insectivorous plants; Leaves; Natural history; Nature study; Poisonous plants; Roots; Seedlings; Seeds; Shrubs; Tropical plants; Weeds; also names of plants, and headings beginning Plant

Acclimatization, see Acclimatization (plants)

----Anatomy, see Botany, Structural

----Aquatic, see Aquatic plants -----Breeding, see Plant breeding

-Chemistry and nutrition
See also Botany — Physiology; Cellulose; Metabolism

Refer from Astronomy; Astronomy — Atlases; Stars

Refer from Biology; Fresh-water life; Marine biology; Marine zoology

Refer from Agriculture; Breeding; Fertilization of plants; Floriculture; Gardening; Heredity; Hybridization; Plant propagation; Plants — Breeding (s); Species; Thremmatology (s); Variation (biology)

Refer from Decoration and ornament; Design, Decorative; Floral design (s); Flower forms (s); Flower painting and drawing

Refer from Acclimatization (plants); Geographical distribution of animals and plants
Refer from Aphididae (s); Hemiptera; Insects, Injurious and beneficial

Refer from Folklore; Folklore of plants (s); Nature myths; Plants — Folklore (s)

Refer from Floriculture; Gardening; Plant breeding; Plants — Propagation (s); Propagation of plants (s)

Refer from Agriculture; Botany; Flowers; Natural history; Nature; Nature study; Vegetable kingdom (s)

Refer from Agricultural chemistry; Botanical chemistry (s); Botany — Physiology; Chemistry; Chemistry, Botanical (s); Chemistry, Organic; Metabolism; Nutrition of plants (s); Plant chemistry (s); Plants — Nutrition (s)

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Plants — Continued ——Classification, see Botany — Classification	
Climbing, see Climbing plantsCollection and preservation	Refer from Botanizing (s); Collectors and collecting
Color, see Color of plantsCultivated [for botanical information and	concerning
lists, not gardening] See also Floriculture; Gardening	Refer from Botany, Economic; Cultivated plants (s); Domestication; House plants (s)
——Diseases See also Bacteriology, Agricultural;	Refer from Bacteriology, Agricultural; Bot-
Cotton — Diseases and pests; Dry rot; Fruit — Diseases and pests; Fungi; Galls (botany); Mildew; Parasites; Spraying; Tobacco — Diseases and pests; Trees — Diseases and pests	any — Pathology (s); Diseases of plants (s); Fruit — Diseases and pests; Fungi; Mildew; Pathological botany (s); Pathology, Vege- table (s); Plant diseases (s); Plant path- ology (s); Plants — Pathology (s); Trees — Diseases and pests; Vegetable pathology (s)
Effect of chemicals on	Refer from Agricultural chemistry; Botany — Physiology
Effect of temperature onFertilization, see Fertilization of plantsFolklore, see Plant lore	Refer from Freezing (s); Frost; Temperature
Fossil, see Fossil plants     Geographic distribution, see Geographical distribution of animals and plants	
—Habits, see Botany — Physiology; Plants — Movements	•
——Insectivorous, see Insectivorous plants ——Medicinal, see Medical botany ——Migration	
See also Geographical distribution of animals and plants —Morphology, see Botany, Structural	Refer from Geographical distribution of animals and plants; Migration of plants (s)
See also Botany — Physiology; Heli-	Refer from Botany - Physiology; Helio-
otropism; Irritability	tropism; Irritability; Movements of plants (s); Plants — Habits (s)
Names, see Botany NomenclatureNutrition, see Plants Chemistry and nutrition	·
Useful, see Botany, Economic	
See also Building; Ceilings; Gesso; Mural painting and decoration; Stucco	Refer from Building; Building materials; Ceilings; Masonry; Mural painting and decoration; Plastering (s); Stucco
Plaster casts See also Modeling; Sculpture; Statues	Refer from Casting (s); Casts, Plaster (s);
Plastering see Plaster and plastering Plate	Modeling; Sculpture; Statues
See also Goldsmithing; Hall marks; Pewter; Silversmithing; Silverware	Refer from Gold plate (s); Goldsmithing; Hall marks; Jewelry; Metal work; Silver-

Refer from Gold plate (s); Goldsmithing; Hall marks; Jewelry; Metal work; Silversmithing; Silverware

Plate girders see Girders Plate glass see Glass Plate marks see Hall marks

Plate-metal work

See also Metal work

Refer from Metal work

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Platforms, Political

See also Political parties

Plating

See also Bronzing; Electroplating; Galvanizing; Gilding; Metal coloring
Platinotype see Photography — Printing
processes

Platinum

See also Metals

**Platonists** 

See also Philosophy, Greek; Neoplatonism

Plattdeutsch see Low German language; Low German literature

Play

See also Amusements; Athletics; Games; Kindergarten — Games and songs; Play festivals; Playgrounds; Playhouses (for children); Sports

Play festivals

Play writing see Drama Players see Actors Playgrounds

See also Parks; Vacation schools

Playhouses (for children)

Playing-cards see Cards Playright see Copyright Plays see Amateur theatricals; Drama

Playwrights see Dramatists

Pleading and practice

See also Actions at law; Appeal; Chancery; Costs; Courts; Equity; Forms (in law); Law; Trials
Pleasure

See also Contentment; Emotions; Happiness; Hedonism; Joy; Pain
Pleistocene period see Glacial period
Pliocene period see Geology, Stratigraphic—
Pliocene; Paleontology—Pliocene

Plots (drama, novel, etc.)

See also Shakespeare, William — Plots

Ploughs see Plows Plowing see Tillage Plows

See also Farm implements and machinery

Plumbago see Graphite Plumbing

See also Gas fitting; Lead burning; Pipe fitting; Sanitary engineering; Sanitation, Household; Solder and soldering

Pluralism Plurality of worlds Refer from Government; Party platforms (s); Political platforms (s); Political parties; Politics; U. S. — Politics

Refer from Galvanizing; Metal work; Silverplating (s); Silverplating (s)

Refer from Metals; Precious metals

Refer from Dualism; Philosophy; Philosophy, Greek

Refer from Amusements; Animals; Child study; Children; Exercise; Games; Kindergarten; Physical education; Psychology; Psychology, Comparative; Recreation (s) Refer from Festivals; Pageants; Play

Refer from Amusements; Children; Children—Charities, protection, etc.; Municipal improvement; Neighborhood improvement; Parks; Play; Public playgrounds (s); School children; School hygiene; School playgrounds (s); Schools; Social centers

Refer from Play

Refer from Actions at law; Costs; Courts; Equity; Forms (in law); Law; Practice (law) (s); Procedure (s); Trials

Refer from Emotions; Ethics; Happiness; Hedonism; Joy; Pain; Psychology

Refer from Authorship; Drama; Dramatic plots (s); Fiction; Literature; Poetry; Scenarios (s)

Refer from Farm implements and machinery; Ploughs (s); Tillage

Refer from Architecture; Architecture, Domestic; Building; Gas fitting; House drainage (s); Industrial arts; Lead; Lead burning; Pipe fitting; Sanitary engineering; Sanitation, Household; Sewerage; Traps (plumbing) (s); Water supply

Refer from Metaphysics; Philosophy

Refer from Astronomy; Life in other worlds (s); Planets; Theology; Universe; Worlds, Plurality of (s)



Plutocracy see Wealth
Plymouth brethren
Pneumatic pumps see Air pumps
Pneumatic tires see Tires
Pneumatic transmission see Compressed air;
Pneumatic tubes
Pneumatic tubes
See also Compressed air

Pneumatics see Air; Gases

See also Lungs; Respiratory organs — Diseases

Poaching

See also Game laws

Poetry

See also Alliteration; Ballads; Bards; Children's poetry; Christmas poetry; College verse; Drama; Elegiac poetry; Epic poetry; Humor; Hymns; Literature; Love poetry; Lyric poetry; Macaronic verse; Meter; Minnesingers; Nonsense verse; Meter; Minnesingers; Nonsense verse; Odes; Parodies; Pastoral poetry; Plots (drama, novel, etc.); Poetry of places; Poets; Prosody; Quotations; Religious poetry; Rhyme; Rhythm; Songs; Sonnets; Troubadours; Trouvères; Versification; War poetry; also special subjects, e.g., Animals in poetry, Children in poetry, Flowers in poetry, Nature in poetry, and subhead Poetry under various subjects; also American poetry, English poetry, etc.

Collections

See also Recitations and readings

Poetry of animals see Animals in poetry
Poetry of childhood see Children in poetry;
Children's poetry; Nursery rhymes
Poetry of flowers see Flowers in poetry
Poetry of love see Love poetry
Poetry of nature see Nature in poetry
Poetry of places
Poetry of war see War poetry
Poets

See also Authors; Bards; Dramatists; Meistersingers; Minnesingers; Minstrels; Poetry; Poets laureate; Troubadours; Trouvères

Poets laureate

Pointed architecture see Architecture, Gothic Poison see Poisons; Ptomaines; Toxins Poisonous plants

See also Medical botany

**Poisons** 

See also Alkaloids; Antitoxins; Arsenic; Chemistry, Legal; Drugs; First aid in illness and injury; Lead poisoning; Medical jurisprudence; Narcotics; Poisonous plants; Ptomaines; Toxins; Venom

Poker

See also Cards Poker work see Pyrography Polanders see Poles (Polanders) Refer from Darbyites (8); Sects

Refer from Compressed air; Conveying machinery; Pneumatic transmission (s); Transportation

Refer from Lungs; Medicine — Practice; Respiratory organs — Diseases

Refer from Game laws; Hunting; Trapping

Refer from Ballads; Esthetics; Literature; Meter; Poets; Prosody; Rhetoric; Romances; Versification

Refer from Anthologies (s); Recitations and readings

Refer from Poetry

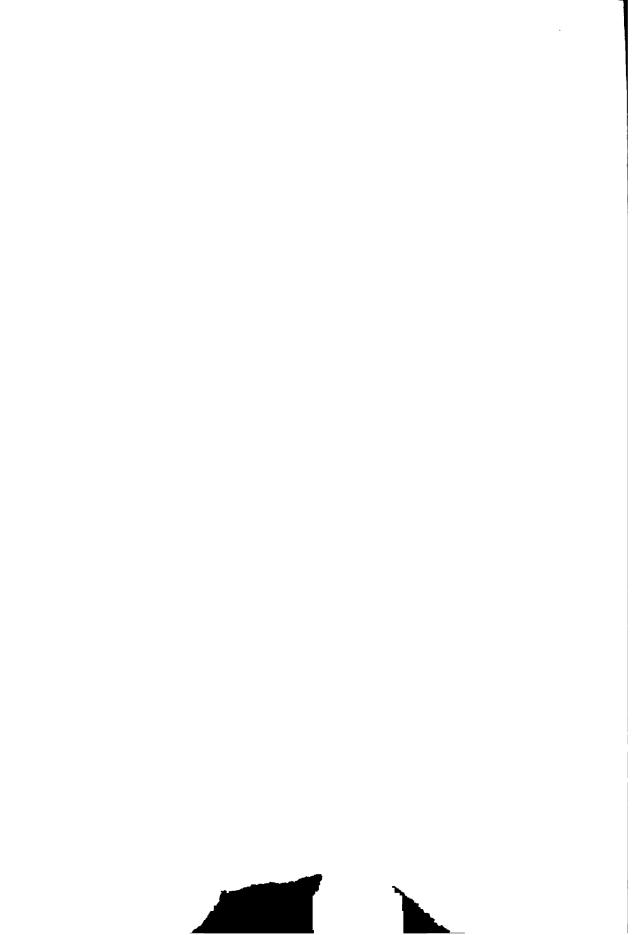
Refer from Authors; Dramatists; Poetry

Refer from Laureates (s); Poets; Poets, English

Refer from Botany, Economic; Plants; Plants, Poisonous (s); Poisons

Refer from Accidents; Antidotes (s); Chemistry; Chemistry, Legal; Drugs; First aid in illness and injury; Medical jurisprudence; Medicine; Murder; Poison (s); Therapeutics; Toxicology (s); Toxins; Venom

Refer from Cards; Draw-poker (s); Gambling



Polar light see Auroras

Polar regions see Antarctic regions; Arctic regions; North pole; South pole

Polariscope

See also Polarization (light)

Polarization (light)

See also Magneto-optics; Polariscope; Stereochemistry

Poles

See also Wood - Preservation

Poles (Polanders)

See also Poland; Slavs

Poles in the U.S.

See also Slavs in the U. S.

See also Constables; Crime and criminals; Detectives; Prisons; also names of countries and cities, subhead Police

Police courts see Courts, Municipal

Police power

See also Civil rights; Constitutional law; Eminent domain; Government regulation of industry; Restraint of trade

Polish language

See also Slavic languages

Polish literature

See also Slavic literature Polishing see Grinding and polishing Politeness see Courtesy; Etiquet Political bosses see Boss rule Political conventions

See also Nominations; Political parties

Political corruption

See also Boss rule; Bribery; Campaign funds; Civil service reform; Graft; Lobbying; Political ethics

Political economy see Economics Political ethics

See also Bribery; Citizenship; Compromise; Graft; Patriotism; Political corruption

Political offenses

See also Extradition; Treason

Political parties

See also Campaign funds; Campaign literature; Independents (in politics); Platforms, Political; Political conventions; Politics; also names of parties, e.g. Democratic party; Free soil party; Know-nothing party; Republican party; Tories, English; Whig party; and names of countries, subhead Politics

Political platforms see Platforms, Political Political science see Government Political songs see Campaign songs

Refer from Optical instruments; Polarization (light)

Refer from Light; Magneto-optics; Polari-

Refer from Telegraph; Telegraph poles (s); Telephone; Telephone poles (s); Wood

Refer from Poland; Polanders (s); Slavs

Refer from Slavs in the U. S.; U. S .- Foreign population

Refer from Constables; Crime and criminals; Detectives; Government; Law; Municipal government; Prisons; Town officers

Refer from Constitutional law; Eminent domain; Government; Government regulation of industry; Law; Restraint of trade

Refer from Slavic languages

Refer from Slavic literature

Refer from Conventions, Political (s); Elections — U. S.; Government; Nominations; Political parties; U. S .- Conventions and public meetings

Refer from Boss rule; Bribery; Civil service reform; Corrupt practices at elections (s); Corruption in politics (s); Elections; Government; Graft; Lobbying; Municipal corruption (s); Political ethics; Politics

Refer from Citizenship; Ethics; Ethics, Political (s); Government; Political corruption; Politics; Social ethics; State ethics

Refer from Crime and criminals; Extradition; Government; Impeachment; International law

Refer from Government; Parties, Political (s); Party government (s); Platforms, Political; Political conventions; Politics; U. S. - Politics

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**Politics** 

See also Ballot; Boss rule; Campaign funds; Campaign literature; Civil service; Elections; Government; Independents (in politics); International relations; Liberalism; Lobbying; Nominations; Platforms, Political; Political corruption; Political ethics; Political parties; Primaries; Sectionalism; Suffrage; also names of countries and states, subhead Politics, and names of cities, subhead Government and politics

Poll tax

Pollination see Fertilization of plants Pollution of streams see Water pollution

Polo Polyandry

See also Polygamy

Polygamy

See also Harem; Marriage; Mohammedanism; Mormons and Mormonism; Polyandry

Polynesian languages

See also Oceanic languages
Polyphase currents see Electric currents, Alternating

Polyps see Coelenterata

Polytechnic schools see Technical education

Polytheism

See also Religions

Polyzoa

See also Invertebrates

Pomology see Fruit; Fruit culture Pond life see Fresh-water life **Ponds** 

See also Fresh-water life; Lakes

Pontiac's conspiracy, 1763-1765

See also Indians — Wars; U. S. — History - Colonial period

Poor

See also Almshouses; Asylums; Begging; Charities; Children — Charities, protection, etc.; Cost of living; Farm colonies; Friendly visiting; Homes for the aged; Housing problem; Labor and laboring classes; Old age pensions; Pensions; Philanthropy; Poor laws; Slums; Social settlements; Standard of living; Sweating system; Tenement houses; Thrift; Tramps; Unemployed; also names of cities, subhead Poor

Poor laws

Poorhouses see Almshouses **Popes** 

See also Apostolic succession; Bulls, Papal; Catholic church; Vatican; Vatican council

—Authority and supremacy See also Catholic church - Authority

-Biography See also Popes - History

-Election

Refer from Government; Political parties

Refer from Taxation

Refer from Games; Horsemanship

Refer from Marriage; Polygamy

Refer from Marriage; Polyandry

Refer from Oceanic languages

Refer from God; Religions

Refer from Bryozoa (s); Invertebrates; Marine zoology

Refer from Lakes; Physical geography; Water

Refer from French and Indian war; Indians - Wars; U. S .- History - Colonial period

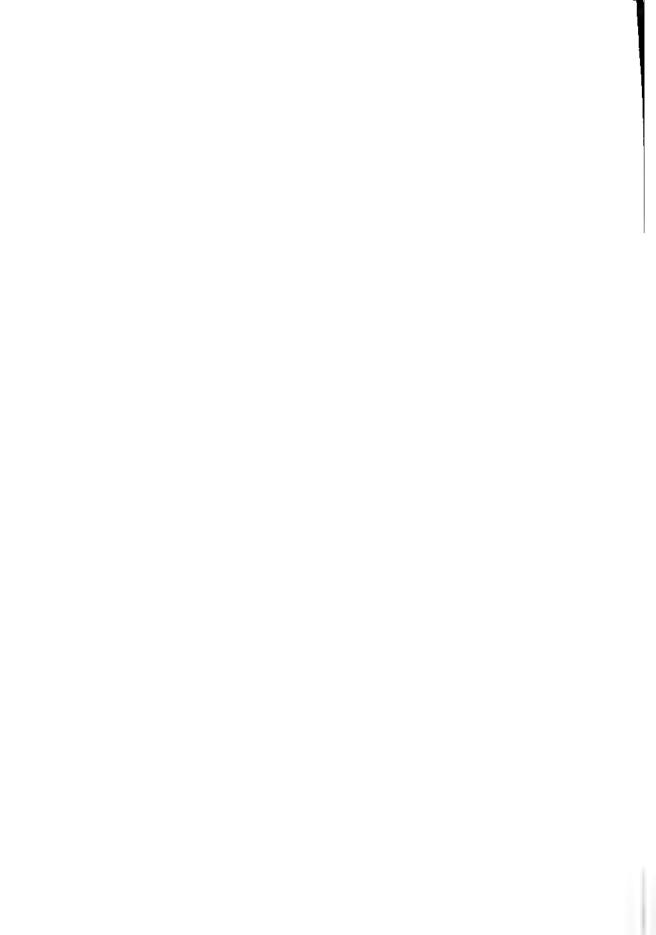
Refer from Aged poor (s); Almsgiving (s); Almshouses; Asylums; Begging; Benevolence (s); Charities; Dangerous classes (s); Dependent classes (s); Economics; Labor and laboring classes; Pauperism (s); People; Poverty (s); Slums; Social problems; Social settlements; Sociology; Tenement houses; Lapondov Vagrancy (s) Unemployed; Vagrancy (s)

Refer from Charities; Law; Poor; Vagrancy (s)

Refer from Apostolic succession; Bulls, Papal; Catholic church; Catholic church—Popes (s); Church polity; Holy See (s); Kings and rulers; Papacy (s); Rulers (s); Ultramontanism; Vatican

Refer from Authority (in religion); Catholic church — Authority; Supremacy of the pope (s)

Refer from Biography; Christian biography; Popes - History



Popes — Continued

-History

See also Catholic church — History; Church history; Popes — Biography; Schism, The great western, 1378-1417 -Infallibility

See also Vatican council

----Temporal power

See also Church history - Middle ages

Popish plot, 1678

See also England - History - Stuarts

Popular election of senators see Senators — U. S. — Election Popular errors see Errors, Popular

Popular government see Democracy

Popularity Population

See also Birth rate; Census; Malthusianism; Statistics; Vital statistics; also names of countries, states and cities, subhead Population

Porcelain see Pottery Porifera see Sponges

Porisms

Portable buildings

**Portages** 

See also Indian trails Portents see Omens Portland cement see Cement Portrait painters see Painters Portrait painting

See also Miniature painting

**Portraits** 

See also Crayon drawing; Photographs; Pictures

Ports see Harbors
Portuguese language

See also Romance languages

Portuguese literature

See also Romance literature Positivism

See also Philosophy, French

Posology see Prescriptions Possession (in law)

See also Limitations (law)

Post-mortem examinations see Autopsy Post-office see Postal service

Postage stamps

Postal savings banks -

Postal service

See also Franking privilege; Library post; Parcels post; Postage stamps; Postal savings banks; Postal telegraph; Railway mail service; Rural free delivery—U. S.

See also Rural free delivery

Refer from Catholic church — History; Church history; Popes — Biography; Schism, The great western, 1378-1317

Refer from Catholic church — Infallibility (s); Infallibility; Vatican council

Refer from Catholic church — History; Church and state; Church history — Middle ages; Temporal power of the pope (s)

Refer from Conspiracies; England — History — Stuarts

Refer from Conduct of life; Ethics; Success

Refer from Economics; Malthusianism; Sociology; Statistics; Vital statistics

Refer from Geometry
Refer from Architecture; Buildings, Portable (s)
Refer from Indian trails; Roads

Refer from Painting

Refer from Art; Biography; Iconography (s); Paintings; Pictures

Refer from Romance languages

Refer from Romance literature

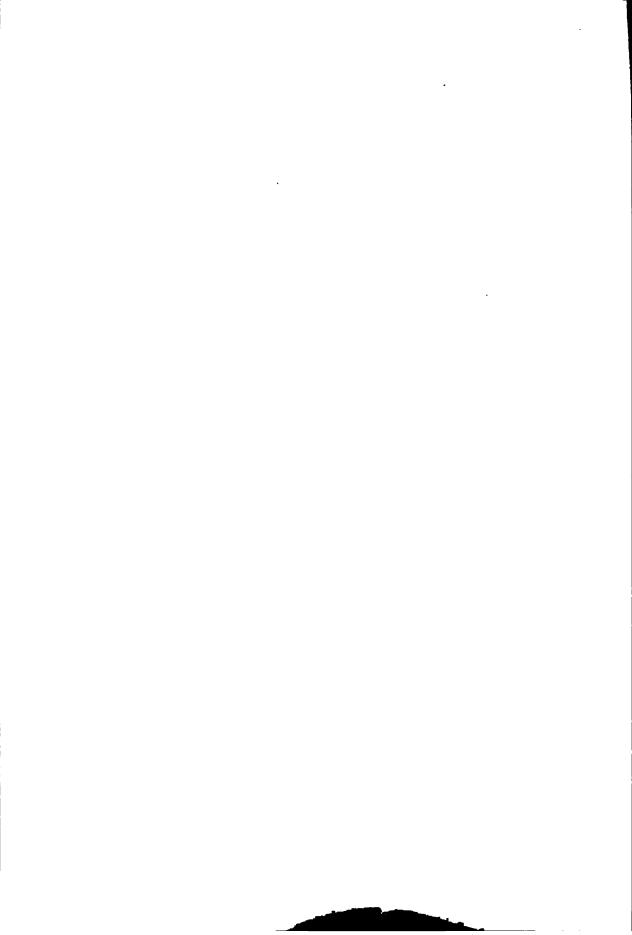
Refer from Agnosticism; Deism; Naturalism; Philosophy; Philosophy, French; Religion; Religion of humanity (s)

Refer from Adverse possession (s); Law; Limitations (law); Property; Real estate

Refer from Collectors and collecting; Philately (s); Postal service; Stamps (s) Refer from Banks and banking; Government banking (s); Postal service; Savings banks

Refer from Carriers; Communication; Mail (s); Post-office (s); Railway mail service; Transportation

Refer from Rural free delivery; U. S.— Postal service (s)



Postal telegraph

See also Government ownership

Posters

See also Billposting

Post-Nicene fathers see Fathers of the church

**Potatoes** 

See also Vegetables Potential, Theory of

Potomac, Army of the, see Army of the Poto-

Pottery

See also Annealing; Arts and crafts; Bric-a-brac; China painting; Clay industries; Concrete pottery; Glazing; Indians—Pottery; Majolica; Terra cotta; Tiles; Urns; Vases

Pouched animals see Marsupialia Poultry

See also Ducks; Eggs; Geese; Incubators; Pigeons; Poultry houses; Turkeys

Poultry houses

See also Farm buildings; Poultry

Poverty see Poor Powder see Gunpowder

Power

See also Compressed air; Dynamometer; Electric power; Engines; Force and energy; Machinery; Mechanics; Motors; Power plants; Power transmission; Steam; Water power

Power boats see Motor boats Power houses see Power plants Power of attorney see Agency Power plants

See also Hydro-electric plants; Power transmission

-Electric

See also Electric power; Electric power transmission; Hydro-electric plants

-Steam

See also Boilers; Steam engines

Power stations see Power plants Power transmission

See also Belting; Cables; Compressed air; Electric power transmission; Gearing; Machinery; Mechanical engineering; Motors; Power plants; Pulleys; Rope driving; Shafting

Powers (law)

See also Administrators and executors: Agency; Trustees

Refer from Government ownership; Postal service; Telegraph; Telegraph, Postal (8)

Refer from Advertising; Art; Billposting; Drawing; Picture posters (s)

Refer from Vegetables
Refer from Electric potential (s); Electrostatics; Force and energy; Gravitation; Theory of potential (s)

Refer from Archaeology; Arts and crafts; Bric-a-brac; Ceramics (s); China (porcelain) (s); China painting; Chinaware (s); Clay industries; Crockery (s); Decoration and ornament; Earthenware (s); Faience (s); Fayence (s); Industrial arts; Industries, Primitive; Keramics (s); Majolica; Manufactures; Porcelain (s); Stoneware (s); Terra cotta: Tiles: Vases cotta; Tiles; Vases

Refer from Birds; Chickens (s); Domestic animals; Ducks; Eggs; Food; Fowl (s); Fowls (s); Geese; Hen (s); Hens (s); Incuba-tors; Live stock; Poultry houses; Turkeys

Refer from Farm buildings; Hen houses (8); Poultry

Refer from Mechanics

Refer from Central power stations (s); Mechanical engineering; Power; Power houses (s); Power stations (s); Power transmission

Refer from Electric engineering; Electric plants (s); Electric power; Electric power plants (s); Electric power transmission; Electric stations (s); Electricity - Distribution

Refer from Steam engines; Steam plants (s); Steam power plants (s)

Refer from Belting; Electric power transmission; Gearing; Machinery; Mechanical engineering; Mechanics, Applied; Power; Power plants; Pulleys; Rope driving; Shafting; Transmission of power (s)

Refer from Agency; Law

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Practical ethics see Conduct of life
Practical theology see Christian life and
character
Practice (law) see Pleading and practice
Pragmatism

**Prairies** 

See also Western states

Praver

See also Devotional exercises; Family worship; Lord's prayer; Prayer meetings; Prayers; Responsive worship; Ritualism; Worship

Prayer books

See also Breviaries; Liturgies; Prayers
Prayer meetings

Prayers

See also Devotional exercises; Family worship; Litanies; Liturgies; Lord's prayer; Prayer books; Rosary

Preachers

See also Clergy; Preaching

Preaching

See also Anecdotes, Religious; Elocution; Oratory; Preachers; Sermons

Preaching friars see Dominicans Preadamites see Man — Origin and antiquity Pre-Cambrian period see Geology, Stratigraphic — Archaean; Paleontology — Archaean Precedence

See also Class distinction

Precession of the equinoxes see Equinoxes Précieuses

See also Salons

Precious metals

See also Gold; Money; Platinum; Radium; Silver

Precious minerals see Mineralogy; Mines and mineral resources; Rare earths

Precious stones

See also Birth stones; Diamonds; Gems; Jewelry; Pearls

Précis writing Precocity

Predestination

See also Arminianism; Calvinism; Freedom of the will; Salvation

Predictions see Forecasts; Prophecies Preëxistence

See also Soul; Transmigration

Prehistoric archaeology see Archaeology Prehistoric man see Man — Origin and antiquity Refer from Empiricism; Ethics; Experience; Fhilosophy; Philosophy, Modern

Refer from Physical geography; Plains; Western states

Refer from Christian life and character; Devotion (s); Family worship; Religion; Theology; Worship

Refer from Collects (s); Liturgies; Prayers Refer from Church services; Prayer; Revivals

Refer from Collects (s); Devotional exercises; Family worship; Liturgies; Prayer; Prayer books; Rites and ceremonies; Worship

Refer from Christian biography; Clergy; Ministers of the gospel (s); Pastors (s); Preaching

Refer from Church polity; Clergy; Elocution; Homiletics (s); Oratory; Pastoral work; Preachers; Pulpit oratory (s); Rhetoric; Sermons; Speaking (s)

Refer from Class distinction; Courts and courtiers; Diplomacy; Etiquet; Genealogy; Heraldry

Refer from French language; French literature; Salons; Women in France

Refer from Bimetallism; Bullion (s); Economics; Gold; Metals; Mines and mineral resources; Silver

Refer from Diamonds; Gems; Jewelry; Mineralogy; Stone; Stones (s) Refer from Abstract writing (s); Rhetoric Refer from Children; Genius; Psychology

Refer from Baptism—Infants; Calvinism; Election (in theology) (s); Fate and fatalism; Foreordination (s); Freedom of the will; Infant salvation; Necessity; Salvation; Sin; Theology

Refer from Reincarnation (s); Soul; Transmigration

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Premature burial see Burial, Premature Premonitions see Presentiments
Prematal influences

Prenatal influences

See also Eugenics
Preparatory schools see Academies (schools);
Education, Secondary
Prepared cereals see Cereals, Prepared
Preraphaelitism
Presages see Omens

Presbyterian church

See also Church of Scotland; Presbyterianism

Presbyterianism

See also Calvinism; Church of Scotland; Covenanters; Presbyterian church

Prescriptions
See also Pharmacy
Presentiments

Preservation of food see Cold storage; Food preservation and preservations are preservations as a preservation of londmarks across at a preservation of londmarks across as a construction of londmarks across as a construction of londmarks across as a construction of londmarks.

Preservation of landmarks, scenery, etc.

See also Historic houses; Niagara Falls —
Preservation; Trees, Historic

Preservation of wood see Wood — Preservation
Preservatives (food) see Food preservation and
preservatives
Preserving see Canning and preserving
Presidential campaigns see Elections — U. S.;
Presidents — U. S.— Election
Presidential elections see Elections — U. S.;

Presidential elections see Elections — U. S.; Presidents — U. S. — Election Presidential government see Democracy; Re-

publics
Presidents
See also Executive power; Veto

--- U. S.
See also Inaugurations

— U. S. — Election See also Elections — U. S.

Press see Journalism; Liberty of the press;
Newspapers; Periodicals
Press clippings see Clippings
Presses, Printing, see Printing presses
Prestidigitation see Conjuring
Presumptive evidence see Evidence
Prevarication see Equivocation
Prevention of cruelty to animals see Animals—
Treatment
Price of food see Cost of living
Prices

See also Book prices; Cost of living; Economics; Food supply; Marketing of farm produce; Panics; Railroads — Rates; Salaries; Standard of living; Supply and demand; Value; Wages

Pride and vanity

Refer from Children; Eugenics; Heredity

Refer from Art; Painting; Painting, English

Refer from Church of Scotland; Presbyterianism

Refer from Calvinism; Church of Scotland; Church polity; Congregationalism; Covenanters; Dissenters; Presbyterian church; Puritans; Sects

Refer from Pharmacy; Posology (s)
Refer from Premonitions (s); Psychical
research; Psychology; Thought transference

Refer from Historic houses; Landmarks, Preservation of (s); Landscape; Municipal improvement; Patriotism; Trees, Historic

Refer from Biography; Executive power; Kings and rulers; Rulers (s)

Refer from U. S.— Biography; U. S.— Presidents (s)

Refer from Campaigns, Presidential (s); Elections — U. S.; Presidential campaigns (s); Presidential elections (s)

Refer from Commerce; Consumption (economics); Cost; Cost of living; Economics; Finance; Manufactures; Money; Supply and demand; Value; Wages

Refer from Ethics; Vanity (8)

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Priesthood see Priests Priests

See also Catholic church — Clergy; Celibacy; Clergy; Ordination

Priests' holes see Secret chambers Prima donnas see Singers Primaries

See also Caucus; Elections; Nominations

Primary batteries see Electric batteries Primary education see Education, Elementary Primary elections see Primaries Primary schools see Education, Elementary Primates

See also Apes; Gorillas; Mammals; Man; Monkeys

Prime ministers

Primers

See also Hornbooks; Readers
Primitive art see Art, Primitive
Primitive Christianity see Church history —
Early church
Primitive culture see Civilization — History
Primitive industries see Industries, Primitive
Primitive man see Man — Origin and antiquity; Savages
Primitive society see Society, Primitive

Primogeniture

See also Entail; Inheritance

Princes and princesses

See also Courts and courtiers; Monarchy

Princesses see Princes and princesses Principal and agent see Agency Principals, School, see School superintendents and principals Printers

See also Typographical societies

## Printers' marks

**Printing** 

See also Block books; Books; Calico printing; Capitalization; Colophons; Color printing; Electrotyping; Embossing; Incunabula; Ink; Paper; Photography; Printers; Printers' marks; Printing presses; Proof reading; Publishers and publishing; Stereotyping; Title-pages; Type; Typesetting; Typesetting machines; Typographical societies; Zincography

Printing presses

Prints see Engravings
Prison see Prisons
Prison escapes see Escapes
Prison labor see Convict labor
Prisoners, Discharged, see Discharged prisoners

Refer from Catholic church — Biography; Catholic church — Clergy; Church of England — Clergy; Church polity; Clergy; Ministers of the gospel (s); Pastors (s); Priesthood (s); Protestant Episcopal church in the U. S.— Clergy

Refer from Caucus; Direct nominations (s); Direct primaries (s); Elections; Elections— U. S.; Government; Nominations; Politics; Primary elections (s); U. S.— Politics

Refer from Apes; Mammals; Monkeys

Refer from Ministers of state; Statesmen

Refer from Readers; Spellers; Textbooks

Refer from Descent (s); Entail; Inheritance; Law

Refer from Biography; Courts and courtiers; Kings and rulers; Monarchy; Princesses (s); Royalty (s)

Refer from Biography; Printing

Refer from Incunabula; Marks, Printers' (s); Printing; Trade-marks

Refer from Alphabet; Block books; Books; Communication; Industrial arts; Literature; Publishers and publishing; Stereotyping; Type; Typesetting; Typography (s)

Refer from Machinery; Presses, Printing (s); Printing

Je Conteina

Portice in hanglo

Prisoners of war

See also Concentration camps; also subhead Prison life under various wars

**Prisons** 

See also Convict labor; Crime and criminals; Discharged prisoners; Indeterminate sentence; Parole; Penal colonies; Police; Prisoners of war; Probation system; Punishment; Reformatories; Workhouses; also names of cities, subhead Prisons and reformatories

See also Crime and criminals — U. S.

Private judgment

See also Liberty of conscience; Religious liberty

Private libraries see Libraries, Private

Private schools

See also Academies (schools); Taxation, Exemption from

Private theatricals see Amateur theatricals Privateering

See also Alabama claims; Maritime law; Prizes (international law); Search, Right of

Privileged classes

See also Leisure class; Monopolies

Prize fighting see Boxing

Prizes see Prizes (international law); Rewards (prizes, etc.)

Prizes (international law)

See also Contraband of war; Maritime law; Neutrality; Privateering; Salvage

**Probabilities** 

See also Annuities; Chance; Errors, Theory of; Insurance; Least squares; Logic

Probate law and practice

See also Administrators and executors; Guardians; Inheritance; Jurisdiction; Trustees; Wills

Probation (theology) see Future life; Purgatory

Probation system

See also Juvenile courts; Parole

Procedure see Actions at law; Pleading and

Process work see Photomechanical processes **Processions** 

See also Pageants

Procrastination

Producer gas see Gas; Gas producers Production see Economics; Industry Products, Agricultural, see Agricultural products

Refer from Military art and science; Prisons;

Refer from Convict labor; Convicts (s); Crime and criminals; Criminal law; Dungeons (s); Gaols (s); Government; Imprisonment (s); Indeterminate sentence; Jails (s); Penal institutions (s); Penitentiaries (s); Police; Prison (s); Public institutions (s); Punishment; Reform; Reformatories; Sociology; Workhouses

Refer from Crime and criminals - U. S.; U. S.— Prisons (s)

Refer from Liberty of conscience; Theology

Refer from Academies (schools); Boarding schools (s); Education; Education, Elementary; Education, Secondary; Schools

Refer from International law; Letters of marque (s); Maritime law; Naval art and science; Naval history; Pirates; Prizes (international law)

Refer from Economics; Government; Monopolies

Refer from International law; Maritime law; Privateering; Prizes (s); Rewards (prizes, etc.); War

Refer from Algebra; Betting; Certainty; Chance; Errors, Theory of; Fortune (s); Gambling; Least squares; Logic; Lotteries; Mathematics; Statistics

Refer from Administrators and executors; Courts; Guardians; Inheritance; Law; Surrogate law (s); Trustees; Wills

Refer from Crime and criminals; Criminal law; Indeterminate sentence; Juvenile courts; Parole; Prisons; Punishment; Reformatories; Suspended sentence (s)

Refer from Festivals; Pageants

Refer from Conduct of life



Products, Commercial, see Commercial prodncts

Profanation see Sacrilege Profanity see Swearing

Profession, Choice of See also Business; Occupations; Women - Occupations

Professional education

See also Law - Study and teaching; Library schools and training; Medicine— Study and teaching; Technical education; Theology—Study and teaching; Vocational education Professional ethics see Legal ethics; Medical

ethics

**Professions** 

See also Clergy; Dentistry; Journalism; Law; Library science; Medicine; Occupations; Profession, Choice of; Professional education; Teaching

See also Capital; Economics; Interest; Wages

Profit sharing

See also Communism; Cooperation; Industrial betterment; Labor and capital; Labor and laboring classes

Program music Progress

See also Civilization; Economic determinism; Nineteenth century; Reform; Twentieth century

Progressive taxation see Taxation, Progressive Prohibited books

See also Liberty of the press

See also Liquor laws; Liquor problem; Local option; Temperance **Projectiles** 

See also Ammunition; Ballistics; Firearms; Gunnery; Ordnance

Projection

See also Geometrical drawing; Geometry, Descriptive; Mechanical drawing; Perspective

**Prologues** 

See also Drama

**Promoting** 

See also Corporations; Securities

Promotion (in schools) see School grading and promotions

Pronunciation

See also Phonetics; Pronunciation, English; also names of languages other than English, e.g. German language — Pronunciation —English

Prony brake see Dynamometer Proof see Evidence; Logic Proof reading

Propagation of plants see Plant propagation

Refer from Business; Choice of profession (s); Occupations; Professions; Success

Refer from Education; Education, Higher (s); Education, Professional (s); Higher education (s); Professions; Technical education; Vocational education

Refer from Occupations; Vocations (s)

Refer from Business; Capital; Economics

Refer from Commerce; Cooperation; Economics; Industrial betterment; Labor and capital; Labor and laboring classes; Wages Refer from Instrumental music; Music

Refer from Civilization; Ethics; History; Sociology

Refer from Books; Books and reading; Censorship of the press (s); Condemned books (s); Liberty of the press

Refer from Liquor laws; Liquor problem; Liquor traffic; Local option; Temperance

Refer from Ammunition; Artillery; Ballistics; Bullets (s); Firearms; Gunnery; Military art and science; Ordnance; Shells (explosives) (s)

Refer from Drawing; Geometrical drawing; Geometry, Descriptive; Mechanical drawing; Orthographic projection (s); Perspective

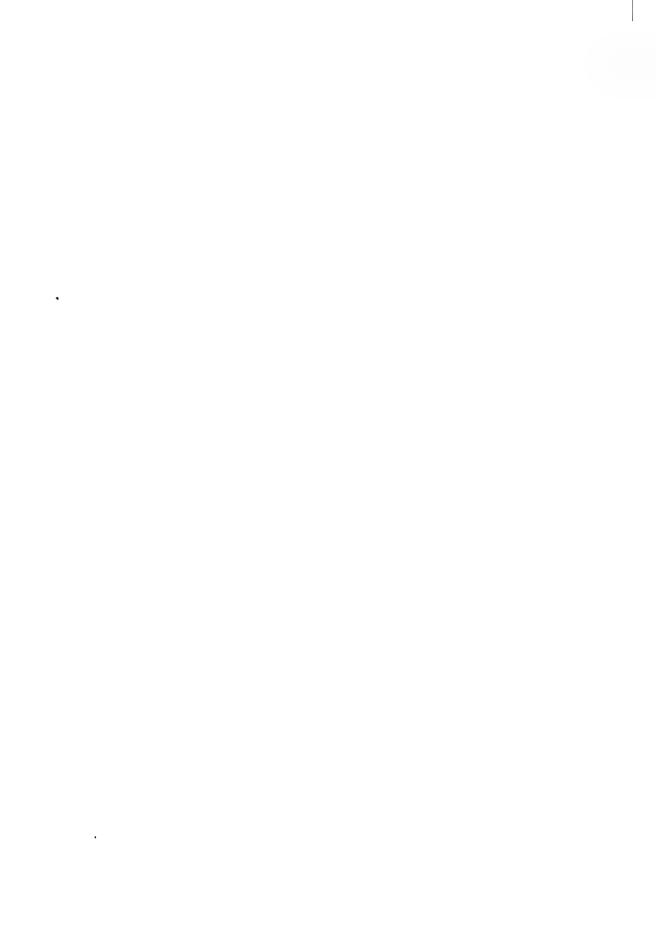
Refer from Drama

Refer from Advertising; Business; Capitalization (finance) (s); Corporations

Refer from Elocution; Language; Orthoepy (s); Phonetics; Words

Refer from English language; English language - Pronunciation (s); Pronunciation

Refer from Printing



**Propellers** 

See also Aerial propellers; Steamboats

Proper names see Names, Geographical; Names, Personal

-/Property

Sce also Administrators and executors; Appraising; Attachment; Capital; Church property; Communism; Confiscation; Conveyancing; Copyright; Damages; Eminent domain; Entail; Estates, Unclaimed; Income; Inheritance; Insurance; Land; Land titles; Liens; Mortgages; Personal property; Possession (law); Real estate; Rent; Sale; Salic law; Socialism; Taxation; Trespass; Wealth; Wills

—Intellectual, see Copyright; Inventions;
Patents

Prophecies

See also Apocalyptic literature; Bible — Prophecies; Divination; Forecasts; Fortune telling; Jesus Christ; Oracles; Prophets; Second advent

**Prophets** 

See also Bible - Prophecies; Prophecies

Proportion (art)

See also Anatomy, Artistic; Composition (art); Perspective; Symmetry

Proportional representation

See also Representative government and representation

Proportional taxation see Taxation, Progressive Proprietary medicines see Medicines, Proprie-

Prose

See also Literature; Rhetoric; and the references under these subjects

Prosody

See also Accent; Meter; Poetry; Prosody, English; Rhyme; Rhythm; Versification; also names of languages other than English, e.g. German language — Prosody —English

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Prospecting

See also Assaying; Mines and mineral resources

**Prosperity** 

See also Business depression; Panics

Prostitution

See also Illegitimacy; Sexual ethics; Vice

Protection see Tariff question
Protection from fire see Fire protection
Protection from frost see Frost protection
Protection of birds see Birds — Protection

Refer from Marine engineering; Screw propellers (s); Shipbuilding; Ships; Steamboats

Refer from Chattels (s); Commercial law; Economics; Government; Law; Ownership (s); Personal property; Real estate; Sociology; Wealth

Refer from Divination; Forecasts; Future (s); Predictions (s); Prophets; Theology

Refer from Bible; Bible — Prophecies; Bible — Old Testament — Biography; Biography; Jews; Prophecies

Refer from Anatomy, Artistic; Architecture; Art; Composition (art); Drawing; Esthetics; Figure drawing; Painting; Perspective; Sculpture; Symmetry

Refer from Constitutional law; Elections; Government; Minority representation (s); Representation (s); Representative government and representation

Refer from Literature; Rhetoric

Refer from Accent; Grammar; Language; Meter; Poetry; Rhyme; Versification

Refer from English language; English language — Prosody (s); English poetry; Prosody

Refer from Gold mines and mining; Mines and mineral resources

Refer from Business; Commerce; Economics; Wealth

Refer from Crime and criminals; Law; Sexual ethics; Social evil (s); Social problems; Vice; White slave trade (s); Women; Women — Crime

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Protection of game see Game protection Protective mimicry see Mimicry (biology) Proteids see Proteins Proteins

See also Chemistry, Organic; Physiological chemistry

Protestant churches see Protestantism
Protestant Episcopal church in the U. S.

[subdivided like Church of England]
See also Anglican communion; Apostolic
succession; Christian year; Church of
England; Confirmation; Episcopacy; Fasts
and feasts; Ritualism; Sacraments; Sister-

hoods
—Conventions

Protestant reformation see Reformation Protestantism

See also Catholic church; Reformation; Sects

Protoplasm

See also Biology; Cells; Embryology

Protozoa

See also Infusoria; Invertebrates

Provençal language

See also Romance languages

Provençal literature

See also French literature; Troubadours Proverbs

See also Bible — Old Testament — Proverbs; Epigrams; Folklore; Maxims; Quotations; Weather lore

Providence

Provident loan associations see Building and loan associations

Prudence

See also Thrift

Pruning

See also Fruit culture

Psalmody see Bible — Old Testament — Psalms; Church music; Hymns Psalter see Bible — Old Testament — Psalms Pseudonyms

See also Anonyms; Nicknames

Psychiatry see Mental diseases Psychical research

See also Animal magnetism; Apparitions; Clairvoyance; Ghosts; Hypnotism; Hysteria; Illusions and hallucinations; Mind reading; Occult sciences; Personality; Presentiments; Psychometry (character reading, etc.); Spiritualism; Subconsciousness; Suggestion; Thought transference

Psychology

See also Ability; Animal intelligence;
Apparitions; Apperception; Association of
ideas; Attention; Automatism; Belief;
Brain; Character; Child study; Color sense;
Common sense; Consciousness; Crowds;

Refer from Chemistry, Organic; Food; Physiological chemistry; Proteids (s)

Refer from Anglican communion; Church of England; Episcopacy; Episcopal church (s); Sects

Refer from Catholic church; Christianity; Church history; Protestant churches (s); Reformation; Theology

Refer from Biology; Bioplasm (s); Cells; Embryology; Physiology

Refer from Animalcules; Cells; Infusoria; Invertebrates; Marine zoology

Refer from French language; Langue d'oc (s); Romance languages

Refer from French literature; Troubadours

Refer from Adages (s); Aphorisms (s); Apothegms (s); Epigrams; Folklore; Literature; Maxims; Quotations; Sayings (s) Refer from God; Theology

Refer from Conduct of life; Thrift

Refer from Forests and forestry; Fruit culture; Gardening; Trees

Refer from Anonyms; Authors; Bibliography; Fictitious names (s); Names, Personal; Nicknames; Noms de plume (s); Sobriquets (s); Soubriquets (s)

Refer from Apparitions; Clairvoyance; Ghosts; Hypnotism; Illusions and hallucinations; Mind reading; Occult sciences; Personality; Psychology; Research; Spiritualism; Supernatural; Thought transference

Refer from Apperception; Association of ideas; Attention; Brain; Consciousness; Dreams; Education; Emotions; Habit; Human faculties (s); Imagination; Intellect; Intuition; Judgment; Knowledge; Man; Memory;



Psychology—Continued

Dreams; Eccentricity; Ecstasy; Education; Emotions; Esthetics; Ethics; Ethnopsy-chology; Experience; Freedom of the will; Genius; Graphology; Habit; Heredity; Hypnotism; Hysteria; Illusions and hallucinations; Imagination; Imitation; Individuality; Insanity; Instinct; Intellect; Intuition; Judgment; Knowledge; Logic; Melancholy; Memory; Mental diseases; Mental healing; Mental hygiene; Metaphysics; Mind and body; Mind reading; Muscular sense; New thought; Observa-tion; Perception; Personality; Philosophy; Phrenology; Physiognomy; Play; Pleasure; Precocity; Presentiments; Psychical re-search; Reaction time; Reason; Senses and seastin; Steep; Social psychology; Som-nambulism; Soul; Subconsciousness; Sug-gestion; Temperament; Thought and think-ing; Thought transference; Will; Worry—Biblical, see Bible—Psychology

-Comparative

See also Animal intelligence; Color sense; Ethnopsychology; Instinct; Play; Social psychology -Educational

See also Apperception; Attention; Child study; Imagination; Imitation; Interest (psychology); Memory; Mental discipline; Observation; Perception; Thought and thinking

-Ethnic, see Ethnopsychology -Experimental, see Psychology, Physiological

-Pathological, see Mental diseases

-Physiological

See also Brain; Fatigue, Mental; Inhibition; Left- and right-handedness; Mental diseases; Mind and body; Muscular sense; Nervous system; Pain; Phre-nology; Psychometry; Reaction time; Senses and sensation; Space perception Racial, see Ethnopsychology

-Social, see Social psychology **Psychometry** 

See also Reaction time

### Psychometry (character reading, etc.)

Psychopathic hospitals see Insane hospitals Psychosis see Mental diseases Psychotherapy see Mental healing; Suggestive therapeutics Psychrometer see Hygrometry

**Ptomaines** 

See also Putrefaction; Toxins

Puberty

See also Youth Public baths see Baths, Public Public buildings

See also Library architecture; Municipal centers; Public works; Schoolhouses; also names of countries and cities, subhead Public buildings

Mental philosophy (s); Mental science (s); Metaphysics; Mind (s); Mind and body; Perception; Personality; Philosophy; Reason; Science; Senses and sensation; Soul; Thought and thinking; Understanding (s); Will

Refer from Animal intelligence; Animal psychology (s); Comparative psychology (s); Instinct; Intellect; Intelligence of animals (s);

Zoology

Refer from Apperception; Attention; Child study; Education; Educational psychology (s); Mental discipline; Teaching

Refer from Experimental psychology (s); Mental physiology (s); Mind and body; Muscular sense; Nervous system; Physiological psychology (s); Physiology; Psychology, Experimental (s); Reaction time; Senses and sensa-

Refer from Anthropometry; Brain; Psychology, Physiological; Reaction time Refer from Character reading (s); Clairvoyance; Psychical research

Refer from Alkaloids; Pathology; Poison (s); Poisons; Putrefaction; Toxins

Refer from Physiology; Sex; Youth

Refer from Architecture; Buildings, Public (s); Government buildings (s); Municipal art; Municipal buildings (s); Municipal centers; Public works

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#### Public comfort stations

Public debts see Debts, Public Public documents see Government publications Public health see Hygiene, Public Public health boards see Health boards Public institutions see Charities; Prisons;

Public schools
Public lands

See also National parks and reserves; also names of countries and cities, subhead Public lands

Public libraries see Libraries, Public

Public meetings

See also Assembly, Right of; also names of countries and cities, subhead Conventions and public meetings

Public opinion

Public ownership see Government ownership; Municipal ownership Public playgrounds see Playgrounds Public records see Archives

Public schools

See also Bible in the schools; Country schools; Education; Education and state; Evening and continuation schools; Grammar schools; High schools; Libraries and schools; Open-air schools; Public schools and religion; School children; Schools; Schools—Centralization; Teachers; Teaching; Truancy; Truant schools; Vacation schools; Vocational education; also headings beginning School—U. S.

See also Education - U. S.

Public schools and religion

See also Bible in the schools

Public service commissions

See also Government regulation of industry; Railroad commissions

Public service corporations

See also Carriers; Eminent domain; Express companies; Gas companies; Government ownership; Government regulation of industry; Municipal franchises; Municipal ownership; Public service commissions; Railroads; Street railroads; Telegraph; Telephone

Public speaking see Oratory
Public spirit see Citizenship; Patriotism
Public utilities see Public service corporations
Public works

See also Municipal engineering; Public buildings; also names of countries and cities, subhead Public works

Public worship see Church attendance; Church services

Publicity

See also Advertising; Campaign funds

Refer from Hygiene, Public; Municipal improvement; Sanitary engineering

Refer from Crown lands (s); Land

Refer from Assembly, Right of; Meetings, Public (s)

Refer from Liberty of conscience; Liberty of the press; Opinion (s); People; Social psychology

Refer from Common schools (s); Education; Education and state; Free schools (s); Public institutions (s); Schools

Refer from Education — U. S.; U. S.— Public schools (s); U. S.— Schools (s)

Refer from Bible in the schools; Church and education; Education; Public schools; Religion in the public schools (s); Religious education

Refer from Government regulation of industry; Public service corporations

Refer from Corporations; Eminent domain; Government ownership; Government regulation of industry; Municipal franchises; Municipal ownership; Public utilities (s)

Refer from Civil engineering; Municipal engineering; Public buildings

Refer from Advertising; Corporations; Journalism; Newspapers



Publishers and publishing

See also Book reviews; Books; Booksellers and bookselling; Catalogs, Publishers'; Copyright; Printing

Publishers' catalogs see Catalogs, Publishers' Publishing see Publishers and publishing

Pueblo Indians

See also Pueblos

Pueblos [the buildings and villages]

See also Cliff dwellers and cliff dwellings; Pueblo Indians

Pugilism see Boxing

Pulleys

See also Belting; Power transmission; Rope driving; Shafting

Pulp wood see Wood pulp Pulpit oratory see Preaching Pulpits

See also Church furniture Pulpwood see Wood pulp

Pumping stations

See also Pumps; Water supply

Pumps

See also Air pumps; Pumping stations

Punch and Judy see Puppet plays
Punching machinery
See also Dies

Punctuation Punic wars

See also Carthage; Rome — History — Republic

Punishment

See also Capital punishment; Corporal punishment; Crime and criminals; Criminal law; Crucifixion; Exile; Flogging; Future punishment; Galleys; Indeterminate sentence; Parole; Penal colonies; Pillory; Prisons; Probation system; Reformatories; Torture; Workhouses

Punning

See also Humor

Puppet plays

See also Shadow pantomimes

Pure food laws see Food adulteration and inspection; Food laws

Purgatives Purgatory

See also Future life; Future punishment; Indulgences

Purification of water see Water — Purification Puritanism see Puritans

Puritans

See also Blue laws; Church of England; Congregationalism; Dissenters; Friends, Society of; Marprelate controversy; Massachusetts — History; Nonjurors; Pilgrim fathers; Presbyterianism; Thanksgiving day Refer from Book trade (s); Books; Booksellers and bookselling; Copyright; Literature; Printing; Publishing (s)

Refer from Indians; Pueblos

Refer from Arizona; Indians; Indians—Antiquities; New Mexico; Pueblo Indians

Refer from Belting; Machinery; Mechanical movements; Mechanics; Power transmission; Rope driving; Shafting

Refer from Church furniture

Refer from Hydraulic engineering; Pumps;

Water supply

Refer from Engines; Hydraulic engineering; Hydraulic machinery; Machinery; Pumping stations; Steam pumps (s); Water supply

Refer from Dies; Machine tools; Metal work; Sheet-metal work

Refer from Language; Rhetoric; Writing

Refer from Carthage; Rome — History — Republic

Refer from Crime and criminals; Criminal law; Government; Law; Manners and customs; Penology (s); Prisons; Retribution (s); Sociology; Torture

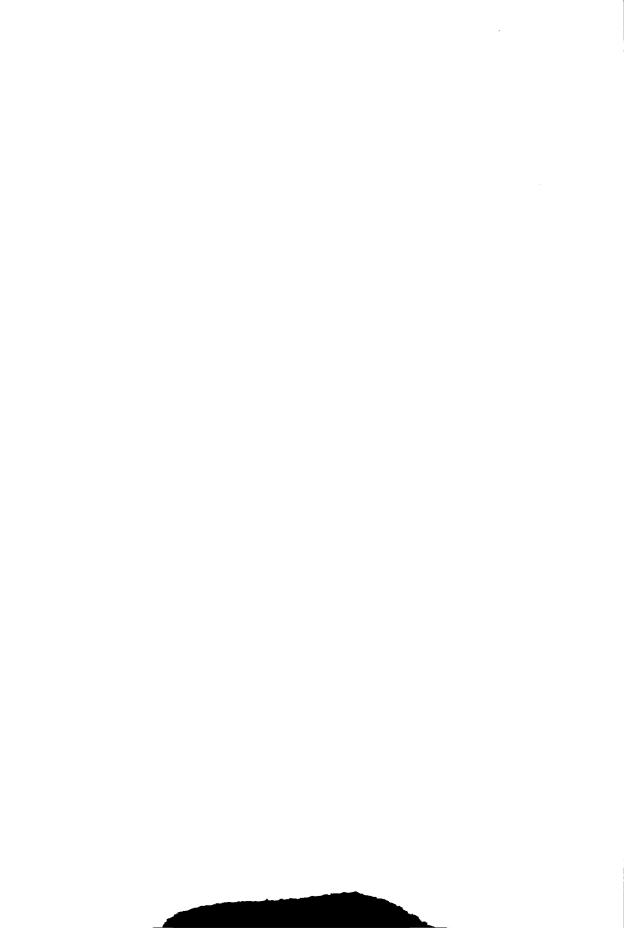
Refer from Humor

Refer from Amusements; Drama; Marionettes (s); Pantomime; Punch and Judy (s); Theater

Refer from Therapeutics

Refer from Catholic church; Church discipline; Death; Eschatology; Future life; Future punishment; Indulgences; Intermediate state (s); Probation (theology) (s); Retribution (s); Theology

Refer from Calvinism; Christian biography; Church of England; Congregationalism; Dissenters; Massachusetts — History; Pilgrim fathers; Puritanism (s)



Purity see Chastity Pus see Suppuration

Puseyism see Oxford movement; Pusey, E. B.

Putrefaction

See also Antiseptics; Bacteriology; Contagion and contagious diseases; Disinfection and disinfectants; Fermentation; Ptomaines Puzzles

See also Acrostics; Anagrams; Charades; Riddles

Pygmies see Dwarfs

Pyramids

See also Egypt — Antiquities

Pyrography

See also Arts and crafts

Pyrometers and pyrometry Pyrotechnics see Fireworks Quacks and quackery

See also Imposture; Medicines, Proprietary; Swindlers and swindling

Quadrature of the circle see Circle-squaring Quadrupeds

See also Animals; Domestic animals; Mammals; Zoology Quakers see Friends, Society of Qualitative analysis see Chemistry—Analysis Quantitative analysis see Chemistry—Analysis Ouarantine

See also Hygiene, Public

Quarries and quarrying

See also Blasting; Building stones; Mines and mineral resources; Stone

Quartets, Vocal, see Choruses and part songs Quaternary period see Geology, Stratigraphic — Quaternary; Paleontology — Quaternary Ouaternions

See also Algebra; Vector analysis

Queen Anne's war, 1702-1713

See also Indians — Wars; U. S.— History — Colonial period

Oueens and empresses

See also Courts and courtiers; Monarchy

Quicksilver see Mercury Quietism

See also Mysticism Ouincy system

See also Object teaching

Ouotations

See also Clippings; Daily readings; Epigrams; Maxims; Mottoes; Proverbs

Refer from Antiseptics; Bacteriology; Contagion and contagious diseases; Disinfection and disinfectants; Fermentation; Ptomaines

Refer from Acrostics; Amusements; Charades; Riddles

Refer from Archaeology; Architecture; Architecture, Ancient; Egypt — Antiquities; Monuments

Refer from Arts and crafts; Burnt leather (s); Burnt wood work (s); Etching; Fire etching (s) Poker work (s); Wood burning (s); Woodwork Refer from Heat; Thermometer

Refer from Charlatanry (s); Imposture; Medical delusions; Medicine; Swindlers and swindling

Refer from Mammals; Zoology

Refer from Contagion and contagious diseases; Epidemics; Hygiene, Public; Naval hygiene

Refer from Blasting; Building stones; Geology, Economic; Mines and mineral resources; Stone; Stone quarries (s)

Refer from Algebra; Geometry; Mathematics; Vector analysis

Refer from England — History — Stuarts; French in America; Indians — Wars; New England — History — Colonial period; New York (state) — History; Spanish succession, War of; U. S.— History — Colonial period

Refer from Biography; Courts and courtiers; Empresses (s); Kings and rulers; Monarchy; Rulers (s); Royalty (s); Sovereigns (s); Women

Refer from Mysticism; Theology

Refer from Object teaching; Teaching

Refer from Aphorisms (s); Apothegms (s); Epigrams; Literature; Maxims; Mottoes; Poetry; Proverbs; Reference books; Sayings (s)



Quran see Koran Rabbits

See also Belgian hares; Hares; Rodents

Rabies see Hydrophobia
Race characteristics see Anthropology; Ethnology; National characteristics
Race horses see Horse; Horse racing
Race improvement see Eugenics
Race problems

See also Immigration and emigration; International relations; Jews; Negroes; Yellow races

-U. S.

See also Chinese in the U. S.; Immigration and emigration — U. S.; Indians;
Japanese in the U. S.; Negroes; U. S.—
Foreign population

Race psychology see Ethnopsychology Races of man see Ethnology

Racing see Automobile racing; Horse racing; Rowing; Running; Yachts and yachting Rackets (game)

Racquets see Rackets (game)
Radiation

See also Cathode rays; Heat; Light; N rays; Radioactivity; Sound; Spectra; X rays Radioactive substances see Radioactivity Radioactivity

See also Cathode rays; Electrons; Helium; Ionization of gases; Phosphorescence; Radiography; Radiotherapy; Radium; X rays

Radiography
See also X rays

Radiotelegraphy see Wireless telegraphy Radiotherapy See also Radium; X rays

Radium

See also Radioactivity; Radiotherapy

Ragged schools

Railings

See also Fences

Railroad accidents see Railroads — Accidents Railroad bridges see Bridges Railroad commissions

Railroad construction see Railroads — Construction Railroad crossings see Railroads — Crossings

Railroad employees see Railroads — Employees Railroad engineering
See also Railroads — Construction; Rail-

roads — Maintenance and repair; Railroads — Management; Surveying

Refer from Agricultural pests; Hares; Rodents

Refer from Ethnology; Government; History; International relations; Man; Native races (s); Social problems; Sociology; Yellow peril (s)

Refer from Ethnology — U. S.; Immigration and emigration — U. S.; Negroes; U. S. — Foreign population; U. S.— Race problems (s)

Refer from Games; Racquets (s); Tennis

Refer from Heat; Light; Physics; Sound

Refer from Becquerel rays (s); Chemistry; Chemistry, Physical; Electric discharges through gases; Electricity; Electrons; Helium; Ionization of gases; Light; Matter; Physics; Radiation; Radioactive substances (s); Radium; Rare earths; Science; Spectra

Refer from Dislocations; Fractures; Photography; Radioactivity; Sciagraphs (s); Skiagraphs (s); X-ray photography (s); X rays

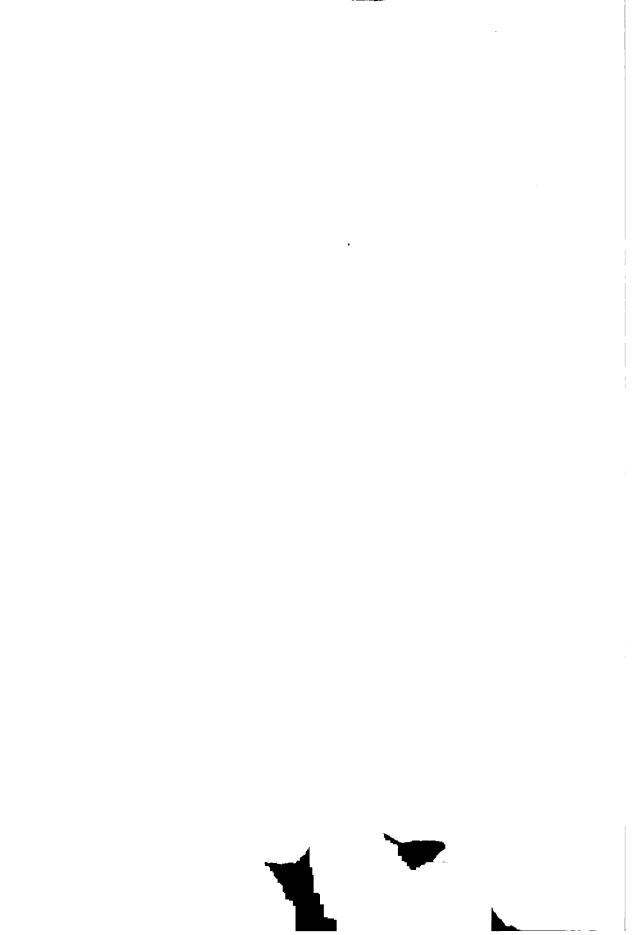
Refer from Actinotherapy (s); Electrotherapeutics; Phototherapy; Radioactivity; Radium; Therapeutics; X rays

Refer from Chemical elements; Precious metals; Radioactivity; Radiotherapy
Refer from Charities; Charity schools; Education; Schools

Refer from Architecture; Balustrades (s); Carpentry; Fences; Hand-railings (s); Hand-railings (s); Iron work; Stair building

Refer from Government regulation of industry; Public service commissions; Railroads; Railroads — Law

Refer from Civil engineering; Engineering; Railroads; Railroads — Construction; Surveying



Railroad labor see Railroads — Employees Railroad law see Railroads — Law Railroad passes see Passes (free transportation) Railroad rates see Railroads — Rates Railroad shops see Railroads — Shops Railroad signals see Railroads — Signals Railroad spikes see Nails and spikes Railroad stations see Railroads — Stations Railroad stories Railroad switches see Railroads — Switches Railroad terminals see Railroads — Stations Railroad terminals see Railroads — Track Railroads — Reilroads — Track Railroads — Acrial Lailroads: Air brakes:

See also Acrial railroads; Air brakes; Brakes; Bridges; Cable railroads; Carriers; Cars; Commerce; Earthwork; Electric railroads; Elevated railroads; Eminent domain; Express companies; Freight; Locomotives; Mountain railroads; Passes (free transportation); Railroad commissions; Railroad engineering; Railroad stories; Railway mail service; Rapid transit; Safety devices; Ship railroads; Speed; Steam engines; Street railroads; Subways; Surveying; Suspended railways; Train despatching; Transportation; Trestles; Tunnels

—Accidents

See also Railroads — Crossings; Railroads — Signals; Safety devices

----Aerial, see Aerial railroads -----Baggage, see Baggage -----Buildings

See also Railroads — Shops; Railroads

— Stations ——Cable, see Cable railroads

—Construction

See also Bridges; Civil engineering; Culverts; Curves in engineering; Earthwork; Railroad engineering; Railroads — Buildings; Railroads — Crossings; Railroads — Maintenance and repair; Railroads — Ties; Railroads — Track; Rails; Trestles; Tunnels

-Crossings

See also Railroads - Track

——Depots, see Railroads — Stations ——Electric, see Electric railroads

---Electrification

See also Electric locomotives; Electric railroads

Elevated, see Elevated railroads
Employees

See also Railroads — Pensions

Refer from Fiction; Railroads

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Refer from Carriers; Commerce; Communication; Locomotives; Public service corporations; Railways (s); Rapid transit; Roads; Steam engines; Transportation

Refer from Accidents; Collisions (railroad) (s); Disasters; Occupations, Dangerous; Railroad accidents (s); Railroads — Collisions (s)

Refer from Architecture; Railroads — Con- 'struction; Railroads — Stations

Refer from Civil engineering; Engineering; Railroad construction (s); Railroad engineering; Railroads — Maintenance and repair; Railroads — Ties; Railroads — Track

Refer from Crossings, Railroad (s); Grade crossings (s); Municipal improvement; Railroad crossings (s); Railroads — Accidents; Railroads — Construction; Railroads — Track; Roads

Refer from Electric locomotives; Electric railroads; Electrification of railroads (s); Railroads — Equipment and supplies

Refer from Labor and laboring classes; Railroad employees (s); Railroad labor (s); Railroads — Labor (s); Railroads — Management

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Railroads - Continued

-Equipment and supplies See also Air brakes; Brakes; Car couplings; Car heating, lighting and ventilation; Cars; Locomotives; Railroads— Electrification; Railroads— Maintenance Electrification; Railroads — Maintenance and repair; Railroads — Management; Railroads — Rolling stock; Railroads — Shops; Railroads — Signals; Safety devices

Finance

See also Railroads - Rates; Railroads – Taxation

Freight, see Freight

Government ownership, see Government ownership; Railroads and state

History

Labor, see Railroads — Employees

Law.

See also Interstate commerce; Railroad commissions: Railroads - Rates: Railroads and state

Maintenance and repair

See also Railroads - Construction; Railroads — Equipment and supplies; Rail-roads — Management; Railroads — Roll-ing stock; Railroads — Ties; Railroads — Track; Rails

-Management

See also Railroads - Employees; Railroads - Equipment and supplies; Railroads — Finance; Railroads — Maintenance and repair; Railroads — Signals; Scientific management; Train despatching

-Military

- -Monorail, see Railroads Single rail -Operation, see Railroads Management
  - Passes, see Passes (free transportation)

-Pensions

Rails, see Rails

Rates

See also Interstate commerce; Passes (free transportation)

Repair shops, see Railroads - Shops Rolling stock

See also Cars; Locomotives; Railroads - Equipment and supplies; Railroads Maintenance and repair; Sleeping cars

Safety devices, see Safety devices

-Shops

Signals -

-Single rail

See also Gyroscope; Suspended railways

Refer from Railroads — Maintenance and repair; Railroads — Management; Railroads - Rolling stock

Refer from Capitalization (finance) (8); Investments; Railroads - Management

from Corporation law; Railroad Refer law (s)

Refer from Railroad engineering; Railroads - Construction; Railroads — Equipment and supplies; Railroads — Management; Railroads – Rolling stock; Railroads — Track

Refer from Railroad engineering; Railroads — Equipment and supplies; Railroads — Maintenance and repair; Railroads - Operation (s); Scientific management

Refer from Military art and science; Military engineering; Military railroads (8)

Refer from Pensions; Railroads — Employees

Refer from Freight; Freight rates (s); Government regulation of industry; Interstate commerce; Prices; Railroad rates (s); Railroads — Finance; Railroads — Law; Railroads and state; Rates, Railroad (s); Rebates (railroads) (s)

Refer from Cars; Railroads - Cars (s); Railroads - Equipment and supplies; Railroads - Maintenance and repair; Rolling stock (s)

Refer from Car shops (s); Railroad shops (s); ailroads — Buildings; Railroads — Equipent and supplies; Railroads — Repair Railroads — Buildings; Railroads — Equipment and supplies; Railroads — Repair shops (s); Repair shops, Railroad (s); Shops (s)

Refer from Block signal system (s); Railroad signals (s); Railroads — Accidents; Railroad signals (s); Railroads — Accidents; Railroads — Repair shops (s)

roads - Equipment and supplies; Railroads - Management; Safety devices; Signals

Refer from Electric railroads; Gyroscope; Monorailways (s); Railroads, Monorail (s); Single rail (s)

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# Railroads - Continued

-Stations

See also Railroads - Buildings

-Suspended, see Suspended railways Switches

See also Railroads - Track

-Taxation

Terminals, see Railroads — Stations

Ties.

See also Railroads - Construction; Railroads - Track; Wood - Preservation

-Track

See also Railroads — Construction; Railroads — Crossings; Railroads — Main-tenance and repair; Railroads — Switches; Railroads - Ties; Rails

-Underground, see Subways

#### Railroads and state

See also Government ownership; Government regulation of industry; Interstate commerce; Railroads - Rates

## Rails

See also Railroads - Track

Railway mail service

See also Postal service Railways see Railroads Rain

See also Droughts; Meteorology

Rainbow

Ramie

See also Fibers Rams, Hydraulic, see Hydraulic rams Ranch life

See also Cowboys; Western states

Range management see Farm management Rapid transit

See also Electric railroads; Elevated railroads; Railroads; Street railroads; Subways

Rappists see Harmonists Rare books see Book rarities

Rare earths

See also Chemistry, Inorganic; Mineralogy; Radioactivity

Rasps see Files and rasps

Rat see Rats

Rates, Railroad, see Railroads - Rates

Rationalism

See also Deism; Enlightenment; Free thought; Reason; Transcendentalism

Refer from Architecture; Depots (s); Railroad stations (s); Railroad terminals (s);
Pailroads — Buildings; Railroads — De-Railroads — Buildings; Railroads — Depots (s); Railroads — Terminals (s); Stations, Railroad (s)

Refer from Railroad switches (s); Railroads — Track; Switches, Railroad (s)
Refer from Railroads — Finance; Taxation

Refer from Cross-ties (s); Railroad ties (s); Railroads — Construction; Railroads — Maintenance and repair; Railroads — Track; Steel ties (s); Ties, Railroad (s) Refer from Railroad tracks (s); Railroads —

Construction; Railroads — Crossings; Railroads — Maintenance and repair; Railroads — Switches; Railroads - Ties; Rails; Track, Railroad (s)

Refer from Interstate commerce; U. S .-Commerce; U. S.— Railroads (s)

Refer from Government; Government owner-ship; Government regulation of industry; Interstate commerce; Railroads — Government ownership (s); Railroads — Law

Refer from Railroads — Construction; Railroads — Maintenance and repair; Railroads — Rails (s); Railroads — Track; Steel; Steel rails (s)

Refer from Postal service; Railroads

Refer from Climate; Droughts; Meteorology; Storms; Water
Refer from Light; Meteorology

Refer from Fibers; Hemp

Refer from Cowboys; Farm life; Frontier and pioneer life; Western states

Refer from Electric railroads; Elevated railroads; Railroads; Street railroads; Subways; Transit (s); Transportation

Refer from Chemistry, Inorganic; Earths, Rare (s); Mineralogy; Precious minerals (s)

Refer from Agnosticism; Belief; Deism; Free thought; Materialism; Philosophy; Philosophy, Modern; Reason (in religion) (s); Religion; Skepticism; Theology

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Rats

See also Rats as carriers of contagion; Rodents

Rats as carriers of contagion

Raw materials see Commercial products Reaction, Chemical, see Chemical reaction Reaction time

See also Psychology, Physiological; Psychometry

Readers [for English school readers]

See also Primers; Recitations and readings; also names of languages, e.g. German language - Readers

Reading

See also Books and reading; Elocution; Readers

Readings see Recitations and readings Ready-reckoners

See also Mathematics - Tables, etc.

Reagents

See also Chemical reaction

Real estate

seal estate

See also Church property; Conveyancing;
Deeds; Easements; Eminent domain; Entail; Estates, Unclaimed; Farm values;
Farms; Land; Land tenure; Land titles;
Landlord and tenant; Liens; Mortgages;
Possession (in law); Property; Real estate business; Rent; Riparian rights; Sale;
Single tax; Taxation; Torrens system; Uncarned increment earned increment

Real estate business

Real presence see Lord's supper; Transubstantiation

Real property see Real estate Realism

See also Idealism; Naturalism; Realism in art; Realism in literature; Scholasticism

Realism in art

See also Idealism in art; Naturalism in art

Realism in literature

See also Idealism in literature; Naturalism in literature

Realism in philosophy see Realism Reality

See also Being; Metaphysics

Realty see Real estate Reapers see Harvesting machinery Reaping machines see Harvesting machinery Reason

See also Animal intelligence; Instinct; Judgment; Logic; Philosophy; Psychology; Thought and thinking Reason (in religion) see Rationalism

Reasoning see Logic Rebates (railroads) see Railroads - Rates Refer from Household pests; Rat (s); Rodents

Refer from Contagion and contagious diseases; Rats

Refer from Consciousness; Psychology; Psychology, Physiological; Psychometry; Senses and sensation; Time, Reaction (s)

Refer from English language - Readers (s); Literature; Primers; Reading; Recitations and readings; Textbooks

Refer from Elocution

Refer from Arithmetic; Arithmetic, Commercial; Calculation — Aids (s); Calculators (s); Mathematics

Refer from Chemical reaction; Chemical reagents (s); Chemistry

Refer from Betterments (s); Commercial law; Conveyancing; Deeds; Easements; Investments; Land; Land tenure; Land titles; Law; Mortgages; Property; Real property (s); Realty (s)

Refer from Business; Investments; Real estate

Refer from Idealism; Naturalism; Philosophy; Realism in philosophy (s); Scholasticism

Refer from Art; Esthetics; Idealism in art; Naturalism in art; Painting; Realism

Refer from Esthetics; Fiction; Idealism in literature; Literature; Naturalism in literature; Realism

Refer from Being; Knowledge; Metaphysics; Philosophy

Refer from Intellect; Judgment; Logic; Philosophy; Psychology; Rationalism; Thought and thinking

Receptors'entitionalist

Rebates of duties see Drawbacks

See also Revolutions; also names of countries in which rebellions have taken place, e.g. U. S.— History — Civil war

Recall

See also Referendum

Receipts

See also Cookery

Receivers

See also Bankruptcy

Recipes see Cookery; Receipts
Reciprocity

See also Commercial treaties; Tariff question

Recitations and readings

See also Christmas poetry; Dialogues; English literature — Collections; English poetry — Collections; Literature — Collections; Monologues; Orations; Poetry — Collections; Readers

---Dialect

---Humorous

Reclamation of land

See also Alkali lands; Drainage; Irrigation; Jetties; Marshes

Recognition (international law)
Reconstruction

See also Freedmen; Ku-Klux Klan; Southern states; U. S.— History — 1865-1898

Records, Public, see Archives
Records of births, marriages and deaths see
Vital records
Recreation see Amusements; Games; Play;

Sports
Recreation centers see Social centers

Recruiting and enlistment

See also Bounties, Military; Conscription; Military service

Rectors see Clergy

Red cross

See also Battlefield relief

Redemption see Salvation Redemptioners

See also Indentured servants

Reed organ

Refer from Government; Revolutions

Refer from Elections; Government; Impeachment; Municipal government; Referendum

Refer from Chemistry; Chemistry, Technical; Home economics; Industrial arts; Manufactures; Recipes (s); Workshop receipts (s)

Refer from Agency; Bankruptcy; Corporations; Law

Refer from Commerce; Commercial treaties; Fair trade (s); Government; Tariff; Tariff question

Refer from Declamation (s); Dialogues; Elocution; English literature — Collections; Entertainments; Literature; Literature — Collections; Monologues; Pieces to speak (s); Poetry — Collections; Readers; Readings (s); Speakers (s)

Refer from Dialect recitations (s); Negro dialect

Refer from Humor; Humorous recitations (s)

Refer from Agriculture; Civil engineering; Conservation of resources; Deserts; Drainage; Engineering; Hydraulic engineering; Irrigation; Land; Marshes

Refer from International law; War

Refer from Carpetbag rule (s); Freedmen; Ku-Klux Klan; Southern states; U. S.— History — Civil war; U. S.— History — 1865-1898; U. S.— History — Reconstruction (s), U. S.— Reconstruction (s)

Refer from Armies; Bounties, Military; Conscription; Enlistment (s); Military service

Refer from Battlefield relief; Disasters; Hospitals, Military; International law; Nurses and nursing; Relief work (s); War

Refer from Germans in Pennsylvania; Immigration and emigration — U. S.; Indentured servants; Slavery; U. S.— History — Colonial period

Refer from Cabinet organ (s); Harmonium (s); Musical instruments; Organ

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Reference books

See also Allusions; Classical dictionaries; Dictionaries; Encyclopedias; Quotations; also subhead Dictionaries under various subjects

Referendum

See also Recall

Reflecting telescope see Telescope

Reflection (light)
See also Light; Optical instruments
Reflections see Meditations
Reforestation see Forest planting
Reform

See also Charities; Reformers; Social problems; also Civil service reform, Prisons, and other subjects of reform

Reform schools see Reformatories

Reformation

See also Catholic church — History; Church history; Counter-reformation; Hussites; Protestantism; Reformers; Thirty years' war; also names of countries and churches

---France

See also France — History — House of Valois; France — Religious history; Huguenots; Waldenses

—Germany

See also Anabaptists; Germany — History — 1517-1740; Germany — Religious history; Lutheran church; Peasants' war-Scotland

See also Church of Scotland; Covenanters; Scotland — Religious history

-Spain

See also Inquisition; Spain — History — 1479-1700; Spain — Religious history Reformatories

See also Juvenile courts; Prisons; Probation system

# Reformed church in America [Dutch]

Reformed Dutch church in America see Reformed church in America

Reformers

See also Reformation

# Refraction

See also Astronomy, Spherical and practical; Light

Refrigeration and refrigerating machinery

See also Cold storage; Ice; Ice — Manufacture; Liquid air

Refer from Bibliography; Books; Books and reading; Libraries

Refer from Constitutional law; Democracy; Direct legislation (s); Government; Initiative (s); Legislation; Legislation, Direct (s); Municipal government; Recall; Representative government and representation

Refer from Light; Optical instruments

Refer from Progress; Social problems; Social reform (s)

Refer from Catholic church — History; Christianity; Church history; Church history — Reformation (s); Church history — Modern; Counter-reformation; History, Modern; Protestant reformation (s); Protestantism; Reformers

Refer from France — History — House of Valois; France — Religious history; Huguenots; Waldenses

Refer from Germany — History — 1517-1740; Germany — Religious history; Lutheran church; Peasants' war

Refer from Church of Scotland; Covenanters; Scotland — Religious history

Refer from Inquisition; Spain — History — 1479-1700; Spain — Religious history

Refer from Crime and criminals; Education; Industrial schools (s); Juvenile delinquency; Juvenile reformatories (s); Penal institutions (s); Prisons; Punishment; Reform schools (s)

Refer from Dutch reformed church (8); Reformed Dutch church in America (8); Sects

Refer from Biography; Christian biography; Reform; Reformation

Refer from Astronomy, Spherical and practical; Dioptrics (s); Light

Refer from Cold storage; Cooling appliances (s); Food preservation and preservatives; Freezing (s); Frost; Ice; Ice — Manufacture; Ice machinery (s); Machinery; Refrigerators (s)

Refrigerators see Cold storage; Refrigeration and refrigerating machinery Refuse and refuse disposal

See also Sewage; Street cleaning; Waste products; Water pollution

Regalia

See also Church vestments; Costume; Crowns; Insignia Regattas see Rowing; Sailing; Yachts and yachting Regency

Regeneration (biology) See also Biology; Cells

Regeneration (theology) See also Baptism; Conversion; Salvation

Regicides

See also Charles I, king of England; England — History — Stuarts; England — History - Civil war and commonwealth Regimental histories. For regiments of regular armies see under various countries, e.g. U.S. – Army — 25th infantry ; for state volunteer regiments and militia see under states, e.g. New York artillery - 9th regiment; for volunteer regiments recruited at large see under country, e.g. United States volunteer infantry—2d regiment; also names by which regiments are known, e.g. Rough Riders

Registers

See also Almanacs; Yearbooks [for annual registers]; also names of places, religious denominations, etc.

Registers of births, marriages and deaths see Vital records

Registration laws see Election laws Reign of terror see French revolution Reincarnation see Preëxistence; Transmigration Reindeer

See also Ungulata Reinforced concrete see Concrete, Reinforced Relationship see Consanguinity Relaxation see Amusements; Rest Relics

See also Miracles; Saints; Shrines

Relief work see Battlefield relief; Charities; Disasters; Famines; First aid in illness and injury; Outdoor relief; Red cross Religion

For the Christian doctrines see Theology; for evidences see Christianity - Evidences; See also Allegories; Atheism; Authority (in religion); Belief; Bible; Christianity; Conscience; Consolation; Deism; Devotional exercises; Ecstasy; Ethics; Evil; Faith; Fanaticism; Fasts and feasts; Free religion; Future life; God; Hymns; Idolatry; Jesus Christ; Miracles; Missions; Monasticism;

Refer from Disposal of refuse (s); Factory waste (s); Garbage (s); Hygiene, Public; Municipal engineering; Municipal improve-ment; Sanitary chemistry; Sanitary engineer-ing; Sanitation; Street cleaning; Trades waste (s); Waste, Disposal of (s); Waste products

Refer from Costume; Insignia

Refer from Government; Monarchy

Refer from Biology; Cells; Growth; Reproduction

Refer from Baptism; Conversion; Salvation; Theology

Refer from Biography; Crime and criminals; England - History - Stuarts; England -History - Civil war and commonwealth

Refer from Deer; Ungulata

Refer from Christian antiquities; Miracles; Shrines; Superstition

Refer from Christianity; Ethics; Faith; God; Man; Natural religion; Philosophy; Revelation; Sociology; Supernatural; Theology

Religion - Continued

Mysteries (religious); Mysticism; Mythology; Natural religion; Oracles; Paganism; Pantheism; Philosophy; Positivism; Prayer; Rationalism; Religion and ethics; Religion and science; Religion of the future; Religions; Religious education; Religious liberty; Religious literature; Religious orders; Religious poetry; Repentance; Revelation; Revivals; Ritualism; Sacraments; Sacrilege; Sacrifice; Saints; Sects; Secularism; Sermons; Sin; Skepticism; Spiritual life; Sunday; Supernatural; Superstition; Symbolism; Theism; Theosophy; Totems and totemism; Worship; also headings beginning Christian and Church, and names of countries, subhead Religion or Religious history

Religion or Religious history
—Personal, see Christian life and character;

Spiritual life

Religion and ethics

Religion and evolution see Religion and science Religion and medicine see Medicine and religion

Religion and science

See also Bible and science; Creation; Evolution; Modernism; Natural religion

Religion and sociology see Christian sociology; Social ethics Religion and the public schools see Public schools and religion Religion of humanity see Positivism Religion of the future

Religions

See also Babism; Brahmanism; Buddhism; Christianity; Christianity and other religions; Confucianism; Dervishes; Druids; Druses; Hinduism; Idolatry; Indians—Religion; Jews—Religion; Lamaism; Mohammedanism; Mormons and Mormonism; Mythology; Nagualism; Parsees; Polytheism; Rosicrucians; Sacred books; Sects; Shinto; Sikhs; Spiritualism; Taoism; Theosophy; Worship; Zoroastrianism; also names of non-Christian countries, subhead Religion

Religious anecdotes see Anecdotes, Religious Religious art see Christian art and symbolism; Church architecture; Temples

Religious authority see Authority (in religion) Religious belief see Belief; Faith Religious biography see Christian biography

Religious ceremonies see Rites and ceremonies Religious denominations see Sects

Religious education

See also Bible — Study and teaching; Bible in the schools; Church and education; Church schools; Moral education; Public Refer from Philosophy of religion (s)

Refer from Ethics; Ethics and religion (s); Religion

Refer from Bible; Bible and science; Christianity — Evidences; Christianity and science (s); Creation; Evolution; Natural religion; Philosophy; Religion; Religion and evolution (s); Science; Science and religion (s); Theology

Refer from Future religion (s); Religion

Refer from Belief; Civilization; Comparative religion (s); Mythology; Polytheism; Religion; Religious history (s); Superstition

Refer from Christian education (s); Christian life and character; Church and education; Education, Religious (s); Moral

schools and religion; Sunday schools; Theology - Study and teaching

Religious experience see Christian life and character; Conversion; Spiritual life Religious festivals see Fasts and feasts; Festi-

Religious history see Church history; Religions; also names of countries and cities, subhead Religious history

Religious liberty

See also Catholic emancipation; Church and state; Free religion; Free thought; Liberty; Liberty of conscience; Persecution

Religious literature

See also Anecdotes, Religious; Catholic literature; Religious poetry Religious mysteries see Mysteries (religious)

Religious orders

See also Brotherhoods; Chivalry; Monasticism; Nuns; Sisterhoods; also names of orders, e.g. Franciscans; Jesuits; Malta, Knights of; Templars; Teutonic knights

Religious poetry

See also Hymns

Religious services see Church services; Devotional exercises; Liturgies; Worship Remedies (in medicine) see Materia medica;

Therapeutics

Renaissance

See also Architecture, Renaissance; Art, Renaissance; Fifteenth century; Humanism; Middle ages

Renaissance architecture see Architecture, Renaissance

Renaissance art see Art, Renaissance

Renascence see Renaissance

Rent

See also Economics; Eviction; Land; Landlord and tenant

Repair shops, Railroad, see Railroads - Shops Repairing see Mending and repairing Repentance

See also Confession; Conversion; Penance

Reporting

See also Journalism; Shorthand; War correspondence

Repoussé work

See also Arts and crafts; Metal work Representation see Proportional representation; Representative government and representation

Representative government and representation See also Boroughs; Cabinet system; Constitutional law; Democracy; Elections; Gerrymander; Legislative bodies; Nominations; Proportional representation; Referendum; Republics; Suffrage education; Religion; Sunday schools; Theology — Study and teaching

Refer from Catholic church; Church and state; Church history; Free thought; Government; Intolerance (s); Liberty; Liberty of conscience; Persecution; Private judgment; Religion; Toleration (s)

Refer from Literature; Religion

Refer from Brotherhoods; Catholic church; Catholic church — Orders (s); Church history; Church polity; Convents and nunneries; Monastic orders (s); Monasticism; Nuns; Orders, Religious (s); Religion; Sisterhoods

Refer from Hymns; Poetry; Religion; Religious literature; Sacred poetry (s)

Refer from Art, Renaissance; Civilization; Fifteenth century; History, Modern; Humanism; Literature; Middle ages; Renascence (s); Revival of letters (s)

Refer from Cost of living; Economics; House rent (s); Land; Land tenure; Landlord and tenant; Law; Property; Real estate

Refer from Conversion; Penance; Penitence (s); Religion; Sin; Theology

Refer from Correspondence (s); Interviewing (s); Journalism; Newspaper work (s); Newspapers

Refer from Arts and crafts; Metal work

Refer from Boroughs; Constitutional law; Constitutions; Democracy; Elections; Free institutions; Government; Proportional representation; Representation (s); Republics; Self-government (s); Suffrage; Voting (s) Carrier Comadia

Reproduction

See also Biology; Embryology; Fecundity; Parthenogenesis; Regeneration (biology); Spontaneous generation

Reptiles

See also Amphibia; Snakes; Vertebrates

-U. S.

Republican party

See also Free soil party; U. S .- Politics

Republics

See also Democracy; Federal government; Government; Representative government and representation; also names of republics

Repudiation

See also Debts, Public

Research

See also Laboratories; Medical research; Psychical research; Scientific research; Seminary method

Reservations for the Indians see Indians -Reservations

Reservoirs

See also Dams; Irrigation; Water supply

Residences see Architecture, Domestic

Resins see Gums and resins

Resistance, Electric, see Electric resistance Resistance of materials see Strength of materials

Resorts see Health resorts; Summer resorts; Winter resorts

Resources see Natural resources; Conservation of resources; also names of countries, subhead Industries and resources

Respiration see Breathing

Respiratory organs

See also Anatomy; Breathing; Lungs; Nose; Physiology; Throat

-Diseases

See also Asthma; Bronchitis; Catarrh; Cold (disease); Cough; Croup; Hay fever; Influenza; Pneumonia; Tuberculosis

Responsive worship

See also Liturgies; Ritualism

Rest

See also Fatigue; Sleep

Restaurants

See also Catering; Hotels; Waiters

Restraint of trade

See also Combination, Industrial; Interstate commerce; Labor unions; Monopolies; Police power; Trusts

Resumption of specie payment see Money -U. S.; Silver (as money)

Resurrection

See also Eschatology; Future life; Jesus Christ - Resurrection and ascension

Refer from Biology; Embryology; Fecundity; Generation (s); Spontaneous generation; Zoology

Refer from Amphibia; Herpetology (8); Snakes; Vertebrates

Refer from Fossil reptiles (s); Paleontology Refer from U. S.— Herpetology (s); U. S.— Reptiles (s); Zoology — U. S.

Refer from Political parties; U. S .- Politics

Refer from Constitutional law; Democracy; Federal government; Free institutions; Government; Presidential government (s); Representative government and representation

Refer from Debts, Public; Finance; Loans

Refer from Colleges and universities; Education; Education and state; Scientific re-search; Seminary method; Study

Refer from Dams; Hydraulic engineering; Irrigation; Water supply

Refer from Affliction; Ethics

Refer from Air passages (s); Anatomy; Breathing; Chest; Lungs; Nose; Physiology

Refer from Asthma; Bronchitis; Catarrh; Cold (disease); Cough; Croup; Hay fever; Influenza; Medicine — Practice; Pneumonia; Tuberculosis

Refer from Church services; Devotional exercises; Liturgies; Prayer; Worship

Refer from Fatigue; Hygiene; Mental hygiene; Nervous system; Overwork; Relaxation (s); Therapeutics

Refer from Cafés (s); Hotels

Refer from Combination, Industrial; Comerce; Interstate commerce; Labor unions; Law; Monopolies; Police power; Trusts

Refer from Death; Eschatology; Future life; Theology

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Retaining walls see Walls

Retouching see Photography
Retribution see Future life; Future punishment; Hell; Punishment; Purgatory

Revelation

See also Apocalyptic literature; Bible; Christianity; Inspiration; Religion; The-

Revenue see Finance; Tariff; Taxation; also names of countries, subhead Revenue

Reviews see Book reviews

Revision of the Bible see Bible - Revision

Revival of letters see Renaissance

Revivals

See also Camp meetings; Conversion; Evangelistic work; Keswick movement; Prayer meetings

Revolutionary war (U. S.) see U. S.— History -Revolution

Revolutions

See also French revolution; Rebellion; also under various countries, e.g. France

— History — Revolution of 1848; Germany
— History — Revolution, 1848–1849; U. S.
— History — Revolution

Revolvers see Pistols

Rewards (prizes, etc.)

See also Bounties; Nobel prizes; Prizes (international law)

Rhaeto-Romanic language see Romansch language

Rheostats

See also Electric controllers; Electric resistance

Rhetoric

See also Allegory; Alliteration; Analogy; Composition (English); Conversation; Criticism; Descriptive writing; Diama, London; Eloquence; Esthetics; Irony; Lectures and lecturing; Letter writing; Metacism; Descriptive writing; Drama; Editorials; phor; Onomatopoeia; Oratory; Poetry; Preaching; Précis writing; Prose; Punctua-tion; Satire; Translation; Versification

Rheto-Romanic language see Romansch lan-

guage

Rheumatism Rhodes scholarships, Oxford university Rhyme

See also Prosody

Rhythm

See also Meter

Rice

Riches see Wealth Riddles

See also Charades; Puzzles

Riding see Coaches and coaching; Driving; Horsemanship

Rifle practice

See also Target practice

Refer from Apocalyptic literature; Bible; Inspiration; Religion; Theology

Refer from Christian life and character; Church history; Church work; Conversion; Evangelistic work; Missions; Religion; Theology

Refer from Government; History; Rebellion

Refer from Compensation (s); Prizes (s)

Refer from Electric apparatus and appliances; Electric controllers; Electric resistance; Electric rheostats (s)

Refer from Allegory; Alliteration; Composition (English); Composition (rhetoric) (s); Criticism; Descriptive writing; Elocution; English composition (s); Expression; Figures of speech (s); Language; Lectures and lectur-ing; Letter writing; Literature; Metaphor; Oratory; Prose; Speaking (s); Style, Liter-ary (s); Theme-writing (s); Words; Writing

Refer from Medicine - Practice Refer from Oxford university; Scholarships

Refer from English language — Rhymes (s); Poetry; Prosody; Rime (s); Versification

Refer from Esthetics; Meter; Music; Poetry; Prosody; Versification

Refer from Agricultural products; Agriculture — Tropics; Grain

Refer from Amusements; Conundrums (s); Enigmas (s); Literature; Puzzles

Refer from Gunnery; Infantry drill and tactics; Military art and science; Rifles; Shooting; Target practice

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Rifles

See also Firearms; Guns; Rifle practice; Shooting

Right and wrong see Ethics

Right-handedness see Left- and right-handedness

Right of assembly see Assembly, Right of Right of petition see Petition, Right of

Right of sanctuary see Asylum, Right of Right of search see Search, Right of

Righthandedness see Left- and right-handedness

Rights, Civil, see Civil rights Rights of women see Woman suffrage; Women - Law; Women - Social condition Rime see Rhyme

Ringing see Bells; Chimes and chiming

Rings

See also Jewelry

Riots

See also Draft riot, 1863; Lynch law; Strikes and lockouts

Riparian rights

See also Water rights

Rites and ceremonies

See also Baptism; Canonization; Christian antiquities; Church dedication; Confirma-tion; Coronations; Fasts and feasts; Fire walk; Flute ceremonies; Funeral gites and ceremonies; Hymns; Inaugurations; Indians
— Religion; Liturgies; Manners and customs; Marriage; Marriage customs and rites; Mass; Mysteries (religious); Ordination; Prayers; Ritualism; Sacraments; Totems and totemism; Worship

Ritual see Liturgies; Rites and ceremonies; Ritualism; also names of churches, subhead

Liturgy and ritual

Ritualism

See also Catholic church — Liturgy and ritual; Church of England — Liturgy and ritual; Protestant Episcopal church in the U. S.—Liturgy and ritual; Rites and ceremonies; Worship

## Rivers

See also Dams; Deltas; Embankments; Erosion; Floods; Hydraulic engineering; Hydraulics; Hydrography; Inland naviga-tion; Physical geography; Riparian rights; Valleys; Water pollution; Water power; Waterways -U. S.

See also Waterways - U. S.

## Riviera

See also France - Description and travel; Italy - Description and travel; Monaco; Provence

Road, Rule of the, see Rule of the road Road engines see Traction engines

Road maps

Refer from Arms and armor; Carbines (s); Firearms; Guns; Shooting

Refer from Finger rings (s); Jewelry

Refer from Crime and criminals; Crowds; Government; History; Mobs (s); Strikes and lockouts

Refer from Land tenure; Law; Littoral rights (s); Real estate; Rivers; Water rights; Waterways

Refer from Ceremonies (s); Christian antiquities; Christian art and symbolism; Church ceremonies (s); Church polity; Ecclesiastical ceremonies (s); Liturgies; Manners and customs; Religious ceremonies (s); Ritual (s); Ritualism; Worship

Refer from Catholic church; Catholic church — Liturgy and ritual; Church of England; Church of England—Liturgy and ritual; Church polity; Liturgies; Prayer; Protestant Episcopal church in the U. S.; Religion; Responsive worship; Rites and ceremonies; Ritual (s); Worship

Refer from Civil engineering; Engineering; Floods; Hydraulic engineering; Hydraulics; Hydrography; Inland navigation; Physical geography; Streams (s); Valleys; Water; Waterways

Refer from U. S.— Rivers (s); Waterways — U. S.

Refer from France — Description and travel; Italy - Description and travel; Monaco; Provence; Winter resorts

Refer from Maps; Roads

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Roads

See also Civil engineering; Dust; Eminent domain; Indian trails; Pavements; Portages; Railroads; Railroads — Crossings; Road maps; Sidewalks; Street cleaning; Street railroads; Streets

-Macadamized

-Roman -U. S.

See also Cumberland road; Indian trails; Oregon trail; Salt Lake trail; Santa Fé trail; Wilderness road

Robbers see Brigands and robbers

Robins

See also Birds Rochdale system see Cooperation Rock see Rocks

Rock drills

See also Boring; Mining machinery

Rock tombs see Tombs

Rocks

See also Geochemistry; Geodes; Geology; Granite; Igneous rocks; Limestone; Mineralogy; Sandstone; Slate; Stone

Rod, The, see Corporal punishment; Flogging Rodents

See also Hares; Mammals; Mice; Rabbits; Rats

Roentgen rays see X rays

Roller-skating Rolling mills

See also Iron industry; Steel industry

Rolling stock see Railroads - Rolling stock Romaic language see Greek language (modern) Romaic literature see Greek literature (modern) Roman Campagna see Campagna di Roma Roman Catholic church see Catholic church Roman emperors

See also Rome - History - Empire

Roman law see Civil law Roman literature see Latin literature Roman mythology see Mythology, Classical Roman roads see Roads, Roman Romance see Fiction; Romances

Romance languages See also Aryan languages; French language; Italian language; Portuguese lan-guage; Provençal language; Romansch language; Rumanian language; Spanish language

Romance literature

See also French literature; Italian literature; Portuguese literature; Spanish literature

Romances

See also Arthurian romances; Charlemagne - Romances; English metrical romances; Fiction; Legends; Poetry

Refer from Civil engineering; Coaches and coaching; Eminent domain; Engineering; Highways (s); Pavements; Streets; Thoroughfares (s); Transportation; Turnpikes (s)

Refer from Macadamized roads (s); Pavements

from Roads - England; Roads -Refer France; Roads — Italy; Roman roads (s)
Refer from U. S.— Roads (s)

Refer from Birds

Refer from Boring; Diamond drilling (s); Excavating machinery; Mining engineering; Mining machinery

Refer from Chemical geology (s); Geochemistry; Geology; Granite; Igneous rocks; Lithology (s); Metamorphic rocks (s); Mineralogy; Petrography (s); Petrology (s); eralogy; Petrography (s); Petrology Rock (s); Sedimentary rocks (s); Stone

Refer from Hares; Mammals; Mice; Rabbits; Rats

Refer from Skating; Sports

Refer from Iron industry; Mills and millwork; Steel industry

Refer from Caesars (s); Emperors; Rome -History — Empire

Refer from Aryan languages; French language; Italian language; Language; Latin language; Neo-Latin languages (s); Portuguese language; Provençal language; Romansch language; Rumanian language; Spanish lan-

Refer from French literature; Italian literature; Literature; Portuguese literature; Spanish literature

Refer from Chivalry; Epic poetry; Fiction; Folklore; German literature; German ro-mances (s); Legends; Literature; Romance (s); Stories (s)

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Romanism see Catholic church Romansch language See also Romance languages

Romanticism

See also Classicism

## Romany language

Romaunsch language see Romansch language
Rome — History
— Kings, B. C. 753-510
— Republic, B. C. 510-30
See also Gallic wars; Punic wars

See also Gallic wars; Punic wars
—Empire, B. C. 30-A. D. 476
See also Barbarian invasions of Rome;
Byzantine empire; Roman emperors
Rommany language see Romany language
Rood screens

#### Roofs

See also Arches; Architecture; Building; Ceilings; Domes; Gables; Girders; Graphic statics; Scaffolding; Skylights; Slate; Steel construction; Strains and stresses; Trusses; Vaulting

Root crops

See also Vegetables

#### Roots

See also Botany, Structural; Root crops

Rope

See also Cables; Cordage; Hemp; Knots and splices; Rope driving; Wire Rope driving

See also Belting; Power transmission; Pulleys

Ropeways see Cableways

Rosary

Rose see Roses

Roses

See also Floriculture Roses, Wars of the, see Wars of the Roses Rosetta stone

# Rosicrucians

See also Mysticism

Rosin see Gums and resins Rosy cross, Order of the, see Rosicrucians Rotation

See also Dynamics; Earth — Rotation; Gyroscope; Rotation of crops Rotation of crops

See also Agriculture; Pastures and mead-

Rotation of the earth see Earth - Rotation Rough Riders

See also U. S.— History — War with Spain Roumanian language see Rumanian language Refer from Rhaeto-Romanic language (s); Rheto-Romanic language (s); Romance languages; Romaunsch language (s)

Refer from Classicism; Esthetics; Idealism in art; Idealism in literature; Literature

Refer from Gipsy language (s); Gypsy language (s); Indo-Aryan languages; Rommany language (s)

Refer from Gallic wars; Punic wars

Refer from Barbarian invasions of Rome; Roman emperors

Refer from Church decoration and ornament; Church furniture

Refer from Architecture; Building; Carpentry; Domes; Gables; Girders; Graphic statics; Steel construction; Strains and stresses; Trusses

Refer from Agricultural products; Crops; Feeding and feeding stuffs; Roots; Vegetables

Refer from Botany — Physiology; Botany, Structural; Plants

Refer from Cables; Cordage; Hemp; Hoisting machinery; Manufactures

Refer from Belting; Power transmission; Pulleys; Rope

Refer from Beads; Catholic church; Prayers

Refer from Floriculture; Flowers; Rose (s)

Refer from Egypt - Antiquities; Hiero-glyphics

Refer from Mysticism; Order of the Rosy cross (s); Religions; Rosy cross, Order of the (s); Secret societies

Refer from Dynamics; Motion; Physics

Refer from Agriculture; Crop rotation (s); Crops; Farm management; Rotation; Soil fertility

Refer from U. S.— History — War with Spain; United States volunteer cavalry

	1

Round Table see Arthurian romances Round towers

See also Ireland - Antiquities

Rowing

See also Aquatic sports; Boats and boating; Canoes and canoeing; College athletics

Royal descent, Families of

Royal supremacy (Church of England) see Church of England - Royal supremacy Royalty see Kings and rulers; Monarchy; Princes and princesses; Queens and empresses Rubber

See also Gutta-percha

Rubber tires see Tires

Rugs

See also Carpets: House decoration

Ruins see Archaeology Rule of the road

Rulers see Kings and rulers; also Emperors; Monarchy; Popes; Presidents; Queens and empresses

Rules of order see Parliamentary practice Rumanian language

See also Romance languages

#### Runes

Running

See also Track athletics; Walking

Rural architecture see Architecture, Domestic; Bungalows; Cottages; Country houses; Farm buildings; Landscape gardening Rural economy see Agriculture

Rural free delivery

See also Postal service - U. S.

Rural life see Country life; Farm life; Outdoor life

Rural poetry see Pastoral poetry Rural schools see Country schools Russian church see Greek church

Russian language

See also Slavic languages Russian literature

See also Slavic literature

Russians in the U.S. See also Slavs in the U. S.

Russo-Japanese war, 1904-1905

See also Japan - History; Russia -History

Russo-Turkish war, 1853-1856, see Crimean war

Refer from Archaeology; Ireland - Antiquities; Towers

Refer from Aquatic sports; Athletics; Boats and boating; College athletics; Locomotion; Navigation; Oarsmanship (s); Racing (s); Regattas (s); Sculling (s); Sports
Refer from Genealogy; Kings and rulers

Refer from Agricultural products; Agriculture — Tropics; Caoutchouc (s); Chemistry, Technical; Forest products; Gutta-percha; India-rubber (s); Indiarubber (s); Manufac-

Refer from Arts and crafts; Carpets; Domestic arts; Floors; House decoration; Textile industry and fabrics; Weaving

Refer from Collisions at sea; Navigation; Road, Rule of the (s)

Refer from Romance languages; Roumanian language (s)
Refer from Alphabet; Germanic languages;

Inscriptions

Refer from Animal locomotion; Athletics; Cross-country running (s); Exercise; Footracing (s); Locomotion; Physical education; Racing (s); Sports; Track athletics; Walking

Refer from Postal service; Postal service -

Refer from Slavic languages

Refer from Slavic literature

Refer from Slavs in the U. S.; U. S .- Foreign population

Refer from Eastern question (Far East); Japan — History; Russia — History

V commence

Russo-Turkish war, 1877-1878

See also Russia — History; Turkey — History

Rust see Corrosion and anti-corrosives Rustic woodwork

See also Garden ornaments and furniture

Rustless coatings see Corrosion and anti-cor-

Rye House plot

See also England — History — Stuarts Sabbatarians see Seventh-day Baptists Sabbath see Sabbath, Jewish; Sunday Sabbath, Jewish

Saber see Swords Sabre see Swords Sacraments

See also Baptism; Confirmation; Lord's supper; Marriage; Ordination; Penance; Unction

Sacred art see Christian art and symbolism Sacred books

See also Avesta; Bible; Eddas; Koran; Talmud; Vedas Sacred history see Bible — History; Church history Sacred music see Church music; Oratorios Sacred poetry see Hymns; Religious poetry Sacrifice

See also Altars; Atonement

## Sacrilege

\_ Saddlery see Harness . — 7 Safes —

See also Vaults

Safety devices

Šee also Air brakes; Brakes; Car couplings; Employers' liability; Lightning conductors; Railroads — Signals; Safety lamps; Safety valves

Safety lamps

See also Mine accidents; Mine fires

Safety valves

See also Boilers; Steam engines; Valves and valve gears

Sagas

See also Eddas; Folklore; Icelandic literature; Scandinavian literature

Sailing

See also Aquatic sports; Boats and boating; Canoes and canoeing; Navigation;, Skipjacks; Yachts and yachting Sailing directions see Pilot guides Sailors

See also Impressment; Missions — Seamen; Naval biography; Pilots and pilotage; Sea stories; Seafaring life
Sailors' missions see Missions — Seamen

Refer from Eastern question (Near East); Russia — History; Turco-Russian war (s); Turkey — History; Turko-Russian war (s)

Refer from Carpentry; Garden ornaments and furniture; Landscape gardening

Refer from England - History - Stuarts

Refer from Jews; Jews — Religion; Sabbath (s)

Refer from Baptism; Catholic church; Church of England; Church polity; Lord's supper; Protestant Episcopal church in the U. S.; Religion; Rites and ceremonies; Theology; Worship

Refer from Literature; Religions

Refer from Altars; Human sacrifice (s); Religion; Theology; Worship Refer from Desecration (s); Profanation (s); Religion

## Refer from Vaulee.

Refer from Accidents; Air brakes; Brakes; Employers' liability; Life-saving; Occupations, Dangerous; Railroads; Railroads — Accidents; Railroads — Equipment and supplies; Railroads — Safety devices (s)

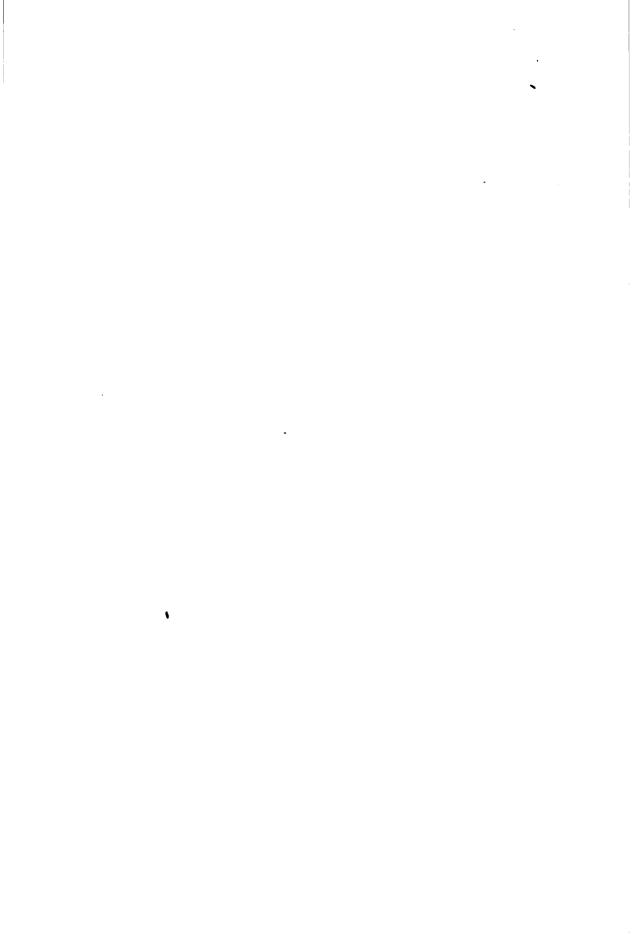
Refer from Explosions; Lamps; Mine accidents; Mine fires; Safety devices

Refer from Boilers; Safety devices; Steam engines; Valves and valve gears

Refer from Eddas; Folklore; Icelandic literature; Legends; Literature; Mythology, Norse; Northmen; Scandinavian literature

Refer from Aquatic sports; Boats and boating; Locomotion; Navigation; Regattas (s); Ships; Sports; Yachts and yachting

Refer from Naval biography; Navigation; Ocean; Ocean travel; Seafaring life; Seamen (s); Ships; Voyages and travels



#### Sailors' songs

Sails

St. Augustine, Order of, see Augustinians St. Bartholomew's day, Massacre of See also France - History - House of Valois; Huguenots

St. John of Jerusalem, Order of, see Malta, Knights of

St. Valentine's day see Valentine's day

Saints

See also Apostles; Bible — Biography; Canonization; Fathers of the church; Legends; Martyrs; Saints in art; Shrines

Saints in art

See also Christian art and symbolism

Salads

See also Cookery: Sauces

Salaries

See also Income; Teachers - Salaries, pensions, etc.; Wages

Sale

See also Auctions; Commercial law; Conveyancing; Land titles

- Salesmanship

See also Advertising; Business; Commercial travelers

Salesmen, Traveling, see Commercial travelers Salic law

Salmon

See also Fish: Trout

Salons

See also Précieuses

Saloons see Liquor problem; Liquor traffic; Temperance

Salt

See also Condiments; Geology, Economic; Sea water

Salt Lake trail

See also Chemistry

Salutations

Salvage

See also Maritime law; Wrecking

Salvation

See also Atonement; Conversion; Future life; Grace (theology); Infant salvation; Justification; Predestination; Regeneration (theology); Sanctification; Soul; Universalism

Salvation army

See also Farm colonies

Refer from Chanteys (s); Chanties (s); Songs Refer from Ships

Refer from Bartholomew, St., Massacre of (s); France — History — House of Valois; France — Religious history; Huguenots; Massacres

Refer from Apostles; Bible; Bible — Biography; Canonization; Catholic church; Catholic church — Biography; Christian biography; Fathers of the church; Heroes; Legends; Martyrs; Miracles; Relics; Religion

Refer from Christian art and symbolism; Iconography (s); Saints

Refer from Cookery

Refer from Compensation (s); Economics; Income; Prices; Wages

Refer from Commercial law; Contracts; Land titles; Law; Personal property; Property; Real estate; Selling (s); Vendors (s)

Refer from Advertising; Business; Commerce; Commercial travelers; Peddlers and peddling; Selling (s)

Refer from France - Law; Inheritance; Law; Property; Women - Law

Refer from Fish; Fishing; Trout

Refer from French salons (s); Précieuses; Society; Women in France

Refer from Condiments; Geology, Economic; Mines and mineral resources Refer from Indian trails; Roads - U. S.; Trails (s); Western states

Refer from Chemistry Refer from Etiquet; Greetings (s); Manners and customs

Refer from Admiralty; Collisions at sea; Insurance, Marine; International law; Maritime law; Prizes (international law); Shipping; Shipwrecks; Wrecking

Refer from Conversion; Future life; Jesus Christ; Predestination; Redemption (s); Regeneration (theology); Sin; Soteriology (s); Theology

Refer from Charities; Evangelistic work; Sects

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Samplers San José scale See also Scale insects

Sanatoriums

See also Convalescent homes; Health resorts; Hospitals

Sanctification

See also Christian life and character

Sanctuary see Asylum, Right of Sand dunes see Dunes Sandemanians Sandstone See also Building stones

Sandwiches

Sangreal see Grail Sanitariums see Sanatoriums Sanitary affairs see Hygiene, Public; Sanitation; also names of countries and cities, subhead Sanitary affairs

Sanitary chemistry

See also Adulterations; Air pollution; Chemistry, Household; Cleaning; Food — Analysis; Food adulteration and inspection; Refuse and refuse disposal; Sewage; Smoke; Water — Analysis; Water — Purification; Water pollution

Sanitary engineering

See also Filters and filtration; Heating;
Hygiene, Public; Municipal engineering; Plumbing; Public comfort stations; Refuse and refuse disposal; Sanitation; Sewage; Sewerage; Street cleaning; Ventilation; Water — Purification; Water supply; also names of countries and cities, subhead Sanitary affairs

Sanitary science see Hygiene; Sanitary engineering; Sanitation

Sanitation

See also Cemeteries; Cleanliness; Disin-Public; Military hygiene; Naval hygiene; Public; Military hygiene; Naval hygiene; Refuse and refuse disposal; Sanitary chemistry; Sanitary engineering; Sanitation, Household; School hygiene; Sewage; Sewerage; Smoke; Ventilation; Water — Purification; tion; Water supply; also names of countries and cities, subhead Sanitary affairs

-Household See also Chemistry, Household; Heating; House cleaning; Plumbing; Ventila-

tion

Sanscrit see Sanskrit Sanskrit language See also Indo-Aryan languages

Sanskrit literature See also Hindu literature; Oriental litera-

ture; Vedas Santa Claus

See also Christmas

Refer from Needlework

Refer from Chinese scale (s); Insects, Injurious and beneficial; Scale insects

Refer from Health resorts; Hospitals; Medicine; Mineral waters; Sanitariums (s)

Refer from Christian life and character; Christian perfection (s); Holiness (s); Perfec-tion, Christian (s); Salvation; Spiritual life; Theology

Refer from Glassites (s); Sects

Refer from Building stones; Rocks; Stone

Refer from Cookery; Luncheons

Refer from Chemistry; Chemistry, House-hold; Chemistry, Sanitary (s); Sanitation

Refer from Architecture; Building; Civil engineering; Engineering; Engineering, Sanitary (s); Hygiene, Public; Municipal engineering; Municipal improvement; Plumbing; Sanitary science (s); Sanitation; Sewerage

Refer from Cleanliness; Hygiene; Hygiene, Public; Sanitary affairs (s); Sanitary engineering; Sanitary science (s)

Refer from Chemistry, Household; Domestic hygiene (s); Home economics; House drainage (s); House sanitation (s); Household sanitation (s); Housing problem; Hygiene, Domestic (s); Plumbing; Sanitation

Refer from Indo-Aryan languages

Refer from Hindu literature; Oriental literature

Refer from Christmas; Nicholas, St.

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#### Santa Fé trail

Saracens

See also Arabia - History; Arabs; Caliphs; Crusades; Mohammedanism; Moors

### Sarcophagi

Satan see Devil

Satellites

See also Astronomy; Moon; Perturbation; Planets

Satire

See also Caricature and cartoons; Humor; Irony; Parodies

-American

See also American literature; Satire, English

-English

See also English literature; Satire, American

-Greek

See also Greek literature

Sauces

See also Cookery

Savages

See also Indians; Society, Primitive

Saving see Thrift

Savings banks

See also Banks and banking; Building and loan associations; Postal savings banks; School savings banks; Thrift; Trust companies

Saw mills see Sawmills

Sawmills

See also Woodworking machinery Saxon language see Anglo-Saxon language; Old Saxon language Sayings see Epigrams; Maxims; Proverbs; Quotations; Table-talk

Scaffolding See also Building; Shoring and underpin-

ning

Scalds see Burns and scalds Scale (music)

Scale insects

See also Hemiptera; San José scale

### Scalping

Scandinavian languages

See also Danish language; Germanic lan-guages; Icelandic language; Norwegian language; Swedish language

Scandinavian literature

See also Danish literature; Eddas; Icelandic literature; Norwegian literature; Sagas; Swedish literature

Scandinavian mythology see Mythology, Norse

Refer from Indian trails; New Mexico; Roads—U.S.; Southwestern states; Trails (s); Western states

Refer from Arabia - History; Arabs; Crusades; Mohammedanism; Moors

Refer from Bas-relief; Burial; Christian art and symbolism; Sculpture; Tombs

Refer from Astronomy; Perturbation; Planets; Secondary planets (s)

Refer from Caricature and cartoons; Comic literature (s); Humor; Lampoons (s); Literature: Rhetoric

Refer from American literature; American satire (s); Humor, American; Satire, English

Refer from English literature; English satire (s); Humor, English; Satire, American

Refer from Greek literature; Greek satire (8)

Refer from Cookery; Salads

Refer from Ethnology; Man; Primitive man (s); Society, Primitive; Sociology

Refer from Banks and banking; Cooperation; Thrift

Refer from Lumber and lumbering; Mills and millwork; Saw mills (s)

Refer from Tools; Woodworking machinery

Refer from Building; Carpentry; Roofs

Refer from Music

. 5 .

Refer from Coccidae (s); Fruit — Diseases and pests; Hemiptera; Insects, Injurious and beneficial; San José scale

Refer from Indians

Refer from Danish language; Germanic lan-lages; Icelandic language; Norwegian languages; guage; Swedish language

Refer from Danish literature; Icelandic literature; Literature; Norse literature (s); Norwegian literature; Sagas; Swedish litera-

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Scandinavians in the U.S.

See also Danes in the U. S.; Norwegians in the U. S.; Swedes in the U. S.

Scarabs
Scarlatina see Scarlet fever
Scarlet fever

Scenarios see Plots (drama, novel, etc.)
Scene painting

Scenery see Landscape; Nature; Picturesque Scent see Odors; Perfumery; Tracking Scepticism see Skepticism

Schism, The great western, 1378-1417

See also Church history — Middle ages;
Popes — History

#### Scholars

See also Culture; Degrees, Academic

Scholarship see Culture; Education; Scholars Scholarships

See also Rhodes scholarships, Oxford university

Scholastic philosophy see Scholasticism Scholasticism

See also Philosophy, Medieval; Realism

School administration and organization

See also School grading and promotions; School management; School reports; School superintendents and principals School architecture see Schoolhouses

School athletics

See also Baseball; Basket-ball; College athletics; Football

#### School attendance

See also Compulsory education; Truancy

School books see Textbooks
School buildings see Schoolhouses
School centralization see Schools — Centralization

School children

See also Anthropometry; Child study; Children, Abnormal and backward; Medical inspection of schools; Playgrounds; School attendance; School hygiene; School lunches; School management; Study; Truancy

School city
See also Self-government (in education)

## School decoration

School discipline see School management School entertainments
School equipment see School furniture and equipment
School excursions

School farms see Farm schools; School gardens

Refer from Danes in the U. S.; Norwegians in the U. S.; Swedes in the U. S.; U. S. — Foreign population

Refer from Amulets; Beetles; Symbolism

Refer from Children — Diseases; Contagion and contagious diseases; Fever; Medicine — Practice; Scarlatina (s)

Refer from Painting; Theater

Refer from Catholic church — History; Church history — Middle ages; Great schism, 1378-1417 (s); Papal schism (s); Popes — History

Refer from Culture; Education; Learned men (s); Learning (s); Scholarship (s); Study

Refer from Colleges and universities; Education; Education and state

Refer from Philosophy; Philosophy, Medieval; Realism; Scholastic philosophy (s)

Refer from School management; School organization (s)

Refer from Athletics; College athletics; Games; High school athletics (s); High schools; Physical education; School sports (s)

Refer from Compulsory education; School children; Truancy

Refer from Boys; Children; Girls; Public schools; School hygiene

Refer from Citizenship; Education and citizenship; School republics (s); Self-government (in education)

Refer from Art in the schoolroom (s); Decoration and ornament; House decoration; Schoolhouses; Schoolroom decoration (s)

Refer from Entertainments

Refer from Amusements; Excursions, School (s)



School furniture and equipment School gardens

See also Gardening: Vacant lot cultivation

# School grading and promotions

School houses see Schoolhouses School hygiene

See also Medical inspection of schools; Open-air schools; Overpressure (education); Playgrounds; School children; School lunches; School nurses

### School lands

School laws

See also Compulsory education

School libraries

See also Libraries and schools

School life see Student life School lunches

School management

See also Corporal punishment; Fire drills; Overpressure (education); School administration and organization; School grading and promotions; Self-government (in education); Teaching

School music

See also Kindergarten - Games and songs

School nurses

See also Medical inspection of schools

School organization see School administration and organization School playgrounds see Playgrounds School principals see School superintendents and principals School reports

School republics see School city
School savings banks

School sports see School athletics School stories See also College stories

# School superintendents and principals

School teaching see Teaching Schoolhouses

See also School decoration; School hygiene; Social centers

Schoolmasters see Teachers Schoolroom decoration see School decoration Schools

See also Academies (schools); Auxiliary schools; Charity schools; Church schools;

Refer from Furniture; School equipment (s)

Refer from Gardening; Gardens; Nature study; School farms (s); Vacant lot cultivation Refer from Grading in schools (s); Promotion (in schools) (s); School administration and organization; School management; Teaching

Refer from Children — Care and hygiene; Hygiene; Hygiene, Public; Medical inspection of schools; Occupations — Diseases and hygiene; Sanitation; School children; Schoolhouses

Refer from Land; Land grants; Land tenure; U. S.— Public lands

Refer from Compulsory education; Educational laws (s); Law

Refer from Children's literature; Libraries; Libraries, Children's; Libraries, School (s); Libraries and schools

Refer from Children — Care and hygiene; Diet; Luncheons; Penny lunches (s); School children: School hygiene

children; School hygiene

Refer from Corporal punishment; Discipline,
School (s); School administration and organization; School children; School discipline (s);
Teaching

Refer from Music; Singing and voice culture; Songs

Refer from Medical inspection of schools; Nurses and nursing; School hygiene

Refer from School administration and organization

Refer from Banks and banking; Savings banks

Refer from College stories; Fiction; Student life

Refer from Principals, School (s); School administration and organization; School principals (s); Superintendents, School (s); Teachers

Refer from Architecture; Public buildings; School architecture (s); School buildings (s); School houses (s)

Refer from Education; Public schools

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Schools-Continued

Colleges and universities; Correspondence schools and courses; Country schools; Curriculum; Education; Evening and continuation schools; Farm schools; Grammar schools; High schools; Kindergarten; Libraries and schools; Normal schools; Openair schools; Parental schools; Playgrounds; Private schools; Public schools; Ragged schools; Sewing schools; Summer schools; Sunday schools; Trade schools; Truant schools; Vacation schools; also headings beginning School
—Centralization

-Medical inspection, see Medical inspection of schools

Schools and libraries see Libraries and schools; Children's literature; Libraries, Children's

Schwenkfelders

Sciagraphs see Radiography

Science

See also Anthropology; Astronomy; Biology; Botany; Chemistry; Economics; Ethnology; Evolution; Geography; Geology; Government; History; Industrial arts; Inventions; Language; Law; Logic; Mathematics; Medicine; Meteorology; Microscope and microscopy; Military art and science; Mineralogy; Natural history; Nature; Nature study; Naval art and science; Occult sciences; Paleontology; Physical geography; Physics; Psychology; Physical geography; Physics; Psychology; Radioactivity; Religion and science; Scientific apparatus and instruments; Scientific ex-See also Anthropology; Astronomy; Bitific apparatus and instruments; Scientific expeditions; Scientific recreations; Scientific research; Scientific societies; Scientists; Sociology; Technology; Theology; Weights and measures; Zoology

-Study and teaching See also Nature study; Technical education; also names of sciences
Science and religion see Religion and science
Science and the Bible see Bible and science

Scientific apparatus and instruments See also Astronomical instruments; Chemical apparatus; Instruments; Optical instruments; also names of instruments Scientific associations see Scientific societies Scientific education see Science - Study and teaching

Scientific expeditions

See also Antarctic regions; Arctic regions; Challenger expedition; also names of countries, subhead Exploring expeditions Scientific instruments see Scientific apparatus

and instruments Scientific management

See also Accounting; Cost accounting; Efficiency, Industrial; Executive ability; Factory management; Foremen's schools; Machine shop management; Railroads -Management

Refer from Centralization of schools (s): Concentration of schools (s); Consolidation of schools (s); Country schools; Public schools; School centralization (s)

Refer from Germans in Pennsylvania; Sects

Refer from Discoveries (in science) (s); Knowledge; Natural history; Natural science (s); Nature; Philosophy

Refer from Education, Scientific (8); Scientific education (s)

Refer from Instruments; Philosophical in-struments (s); Physical instruments (s); Science; Scientific instruments (s)

Refer from Antarctic regions; Arctic regions; Discoveries and explorations; Expeditions, Scientific (s); Science; Voyages and travels

Refer from Business; Efficiency, Industrial; Executive ability; Factory management; Industrial betterment; Labor and laboring classes; Machine shop management; Management of factories, shops, etc. (s); Manufactures;

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Scientific men see Scientists

Scientific recreations

See also Mathematical recreations

Scientific research

See also Laboratories; Medical research; Research

Scientific societies

See also Botanical societies; Chemical societies; Learned societies

**Scientists** 

See also Astronomers; Botanists; Chemists; Electricians; Entomologists; Geologists; Inventors; Mathematicians; Naturalists; Ornithologists; Zoologists

Scores (music) see Music - Scores, and references under that subject

Scotch ballads see Ballads, Scottish Scotch in France

Scotch in Ireland see Scotch-Irish

Scotch-Irish

Scotch-Irish in the U.S.

Scotch literature see Scottish literature Scotch plaids see Tartans Scottish ballads see Ballads, Scottish Scottish borders see Borders of Scotland Scottish clans see Clans Scottish highlands see Highlands of Scotland Scottish language see English language — Dialects — Scottish; Gaelic language Scottish literature

See also Ballads, Scottish; English literature; Gaelic literature; Scottish poetry

Scottish marches see Borders of Scotland Scottish poetry

See also Ballads, Scottish; English poetry; Scottish literature; Songs, Scottish

Scottish songs see Ballads, Scottish; Songs, Scottish

Scouring see Cleaning; Dyes and dyeing Scouts and scouting

See also Boy scouts; Tracking Scrap-books see Scrapbooks

Scrapbooks

See also Clippings Screw-cutting machines see Screw machines Screw machines

See also Machine tools; Screws

Screw propellers see Propellers

See also Machine design; Screw machines

Scriptures see Bible Sculling see Rowing Sculptors

See also Artists

Sculpture

See also Anatomy, Artistic; Art; Bas-relief; Bronzes; Carving (art industries); Drawing; Esthetics; Ivory; Marble; Modeling; Monuments; Plaster casts; Proportion (art); Sarcophagi; Sculptors; Statues Mills and millwork; Railroads - Management; Shop management (s); Works management (s)

Refer from Amusements; Science

Refer from Research; Science; Study

Refer from Learned societies; Science; Scientific associations (s); Societies

Refer from Authors; Biography; Naturalists; Science; Scientific men (s)

Refer from Ireland; Scotch in Ireland (s) Refer from Irish in the U. S.; U. S. - Foreign population

Refer from British literature (s); English . literature; Scotch literature (s); Scottish

Refer from Ballads, Scottish; British poetry (s); English poetry; Scottish literature

Refer from Military art and science

Refer from Clippings; Scrap-books (s)

Refer from Machine tools; Machinery; Screw-cutting machines (s); Screws

Refer from Hardware; Machine design; Machinery; Screw machines

Refer from Artists; Sculpture

Refer from Archaeology; Art; Bas-relief; Carving (art industries); Decoration and ornament; Esthetics; Iconography (s); Modeling; Monuments; Plaster casts; Statues; Stonecutting



Scutage

See also Feudalism

Sea see Ocean Sea bathing see Baths and bathing Sea coast defense see Coast defense Sea fights see Naval battles Sea fisheries see Fisheries Sea food See also Fish as food; Oysters

Sea kings see Northmen

Sea level

See also Altitudes

Sea life see Marine biology; Seafaring life

Sea mosses see Algae Sea plants see Aquatic plants

Sea power

See also Disarmament; Naval art and science; Naval history; Navies; Warships; also names of countries, subhead Navy

Sea serpents

See also Animals, Mythical

Sea stories

Sea walls

See also Embankments

Sea water Seafaring life

See also Sailors; Sea stories; Whaling

Seals (animals)

See also Carnivora; Fisheries - Alaska

Seals (numismatics)

See also Numismatics

Seamanship see Navigation Seamen see Sailors Seamen's missions see Missions — Seamen Search, Right of

See also Maritime law; Neutrality

Searchlights Seashore

See. also Algae; Baths and bathing; Beaches; Coast changes; Dunes; Marine biology; Marine zoology; Ocean

Seasickness

Seasons

See also Autumn; Spring; Summer; Winter

Seat work in schools see Busy work Seaweeds see Algae

Secession

See also Confederate States of America; Federal government; State rights; U. S. - History - Civil war

Refer from Escuage (s); Feudalism; Land tenure; Taxation

Refer from Fish as food; Food; Ocean

Refer from Altitudes; Ocean

Refer from Disarmament; Dominion of the sea (s); International relations; Maritime power (s); Military power (s); Naval art and science; Naval history; Naval power (s); Navies

Refer from Animals, Mythical; Delusions (s); Monsters

Refer from Fiction; Ocean; Sailors; Seafaring life

Refer from Embankments; Engineering; Hydraulic engineering; Ocean; Walls Refer from Ocean; Salt; Water

Refer from Adventure; Marine life (8); Ocean life (s); Sailors; Sea life (s); Voyages and

Refer from Carnivora; Fisheries; Fisheries -Alaska; Fur-bearing animals; Fur seals (s); Mammals; Marine zoology

Refer from Archaeology; Heraldry; Inscriptions; Intaglios; Numismatics; Sigillography (s); Signets (s); Sphragistics (s)

Refer from International law; Maritime law; Neutrality; Privateering; Right of search (s) Refer from Electric lighting

from Beaches; Marine zoology; Ocean; Physical geography; Shore (s)

Refer from Medicine - Practice; Naval hygiene; Ocean; Ocean travel

Refer from Astronomy; Autumn; Climate; Earth; Meteorology; Months; Nature; Spring; Summer; Winter; Year

Refer from Federal government; Government; State rights; U. S.— Constitution; U. S.— History — Civil war

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Second advent

See also Christadelphians; Eschatology; Jesus Christ; Judgment day; Millennium; Second adventists

#### Second adventists

Second sight

See also Clairvoyance

Secondary batteries see Storage batteries Secondary education see Education, Secondary Secondary planets see Satellites Secondary schools see Academies (schools); Education, Secondary; High schools Secret chambers

#### Secret service

See also Detectives

Secret societies

See also Benefit societies; Boxers; Camorra; Carbonari; Fenians (society); Fraternities, College; Fraternities, High school; Freemasons; Grange; Hazing; Ku-Klux Klan; Mafia; Malta, Knights of; Nihilism; Odd Fellows; Rosicrucians; Templars Secret writing see Ciphers
Sectionalism

#### Sects

See also Anabaptists; Baptists; Brownists; Catholic apostolic church; Catholic church; Christiadelphians; Christian science; Christian union; Church of England; Church of Scotland; Congregationalism; Disciples of Christ; Dissenters; Dukhobors; Flagellants; Friends, Society of; German Baptist brethren; Harmonists; Huguenots; Hussites; Labadists; Lollards; Lutheran church; Mennonites; Methodist Episcopal church; Moravians; Mormons and Mormonism; Nestorians; New Jerusalem church; Plymouth brethren; Presbyterianism; Protestant Episcopal church in the U.S.; Reformed church in America; Salvation army; Sandemanians; Schwenkfelders; Second adventists; Separatist society of Zoar; Seventh-day Baptists; Shakers; Unitarianism; United brethren in Christ; Universalism; Waldenses; Wesleyan Methodist church

See also Agnosticism; Utilitarianism

Securities

See also Bonds; Investments; Mortgages; Negotiable instruments; Stocks

Sedan campaign, 1870

See also Franco-German war
Sedimentary rocks see Rocks
Sedimentation and deposition

See also Erosion; Geology

Refer from Advent; Eschatology; Jesus Christ; Jesus Christ — Second advent (s); Judgment day; Millennium; Prophecies; Theology

ology

Refer from Adventists (s); Millerites (s);
Second advent; Sects

Refer from Divination; Occult sciences; Superstition

Refer from Architecture; England — Historic houses; Priests' holes (s)

Refer from Detectives; U. S.— History — Civil war; U. S.— Secret service (s)

Refer from Benefit societies; Fraternities, College; Societies

Refer from Politics; U. S.— Economic conditions; U. S.— Politics; U. S.— Social conditions

Refer from Belief; Christianity; Church history; Denominations, Religious (s); Faith; Protestantism; Religion; Religions; Religious denominations (s); Theology

Refer from Ethics; Free thought; Religion; Utilitarianism

Refer from Bonds; Capitalization (finance) (s); Dividends (s); Finance; Investments; Loans; Mortgages; Negotiable instruments; Promoting; Stocks

Refer from Franco-German war

Refer from Deposition (geology) (s); Erosion; Geology

Sedition act, 1798, see Alien and sedition laws.

1798 Seedlings Seeds

See also Botany — Embryology; Germina-

-Adulteration and inspection

-Dispersal

-Distribution

-Inspection, see Seeds - Adulteration and inspection

Selection and testing

Seeds - Adulteration and See also inspection

Seismology see Earthquakes; Volcanoes Selection, Natural, see Natural selection Self-control

Self-culture

See also Books and reading; Conversation; Correspondence schools and courses; Education; Etiquet; Mental discipline; Study; Study clubs; University extension

Self-denial

Self-education see Self-culture Self-government see Democracy; Home rule; Local government; Representative government and representation

Self-government (in education)

See also School city; Self-control

Self-help see Conduct of life; Self-culture; Self-reliance; Success Self-inductance see Inductance Self-made men see Success Self-reliance

Self-respect Selfishness

See also Egoism; Hedonism

Selling see Sale; Salesmanship Seminary method See also Research

Semites see Semitic race Semitic languages

See also Arabic language; Assyrian language; Hebrew language; Oriental languages

Semitic race

See also Arabs; Jews

Senate see under names of countries and states

Senators -U. S.

-Election

Sensation see Senses and sensation

Refer from Botany; Gardening; Plants

Refer from Botany; Botany — Embryology; Botany, Structural; Germination; Plant propagation; Plants

Refer from Adulterations; Seeds — Inspection (8); Seeds — Selection and testing

Refer from Ecology; Geographical distribution of animals and plants

Refer from Distribution of seed by the government (s); Free seed distribution (s)

Refer from Agriculture; Gardening; Grain; Plant breeding

Refer from Conduct of life; Self-government (in education)

Refer from Conduct of life; Culture; Education; Home education; Mental discipline; Self-education (s); Self-help (s); Study; Young men; Young women

Refer from Conduct of life; Ethics

Refer from Colleges and universities; Education; Honor system (s); School city; School management; Student self-government (s)

Refer from Conduct of life; Self-help (s) Refer from Conduct of life; Ethics

Refer from Conduct of life; Egoism; Ethics; Hedonism

Refer from Education; Research; Study; Teaching

Refer from Arabic language; Assyrian language; Hebrew language; Language; Oriental languages

Refer from Arabs; Ethnology; Jews; Semites (s)

Refer from Statesmen Refer from U. S.— Congress; U. S.— Senate Refer from Elections — U. S.; Popular election of senators (s)



Senses and sensation

See also Color sense; Hearing; Light; Muscular sense; Pain; Perception; Psychology; Psychology, Physiological; Reaction time; Sight; Smell; Sound; Space perception; Taste (sense); Touch Sentence, Indeterminate, see Indeterminate

sentence

Separatist society of Zoar

Separatists see Separatist society of Zoar Separators, Cream, see Cream separators Sepia painting Sepoy rebellion, see Indian mutiny, 1857-1858 Sepulchers see Tombs Sepulture see Burial

Seraglio see Harem Serfdom

See also Feudalism; Peonage; Russia — History; Slavery; Villeinage Sericulture see Silkworms

Sermon on the mount

See also Beatitudes; Bible - New Testament - Matthew

Sermons

See also Children's sermons; College sermons; Funeral sermons; Preaching -Illustrative helps, see Anecdotes, Religious **Outlines** 

Serpent worship

Serpents see Snakes Serum therapy

> See also Antitoxins; Immunity; Inoculation

Servents

See also Employment agencies; Indentured servants; Livery; Master and servant; Tipping; Waiters Service-books see Liturgies

Settlements see Social settlements

Seven wonders of the world

Seven years' war, 1756-1763

See also Europe — History — 1492-1789;
French and Indian war; Germany — History - 1740-1815; Prussia - History

Seventeen-year locusts see Cicadas Seventeenth century

See also English literature - History and criticism - 17th century; History, Modern Seventh-day Baptists

See also German Baptist brethren

Sewage

See also Filters and filtration; Sewerage;. Water pollution

Sewerage

See also Plumbing; Sanitary engineering; Sewage; also names of cities, subhead Sewerage

Refer from Consciousness; Hearing; Intellect; Perception; Psychology; Psychology, Physiological; Sensation (s); Sight; Smell; Space perception; Taste (sense); Touch

Refer from Separatists (s); Sects; Zoar community (s); Zoarites (s)

Refer from Painting

Refer from Feudalism; Government; Slavery; Villeinage

Refer from Beatitudes; Bible; Bible - New Testament - Matthew; Jesus Christ - Teach-

Refer from Homiletics (s); Homilies (s); Literature; Preaching; Religion; Theology

Refer from Animal worship; Animism; Indians — Religion; Nature worship; Snake worship (s); Snakes; Worship

Refer from Antitoxins; Immunity; Inoculation; Organotherapy; Therapeutics

Refer from Domestic service (8); Domestics (s); Home economics; Housemaids (s); Labor and laboring classes; Master and servant; Waiters

Refer from History, Ancient; Wonders of the world (s)

Refer from Austria — History; England— History — 1714-1837; Europe — History — 1492-1789; France — History — Bourbons; French and Indian war; Germany — History — 1740-1815; Prussia — History; Sweden — History

Refer from Europe - History - 1492-1789; History, Modern

Refer from Baptists; Sabbatarians (8); Sects

Refer from Hygiene, Public; Refuse and refuse disposal; Sanitary chemistry; Sanitary engineering; Sanitation; Sewerage; Waste, Disposal of (s); Water pollution

Refer from Drainage; House drainage (s); Municipal engineering; Sanitary engineering; Sanitation; Sewage; Sewers (s)

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Sewers see Sewerage Sewing see Needlework Sewing machines Refer from Machinery; Needlework Sewing schools See also Needlework Refer from Needlework; Schools Refer from Biology; Man; Marriage; Physiology; Women See also Hermaphroditism; Marriage; Puberty; Sexual ethics Sex worship see Phallicism Sextant See also Astronomical instruments; Sur-Refer from Astronomical instruments; Surveying instruments veying instruments Sexual ethics See also Adultery; Chastity; Illegitimacy; Refer from Adultery; Ethics; Ethics, Sex-Marriage; Prostitution ual (s); Marriage; Prostitution; Sex; Social purity (8) Shades and shadows See also Geometry, Descriptive; Perspec-Refer from Drawing; Geometry, Descriptive; tive Perspective; Shadows (s) Shadow pantomimes Refer from Amateur theatricals; Chinese shadows (s); Gallanty shows (s); Pantomime; Puppet plays Shadows see Shades and shadows Snaft sinking See also Boring; Mining engineering Refer from Boring; Mines and mineral resources; Mining engineering See also Belting; Power transmission; Refer from Belting; Machinery; Power Pullevs transmission; Pulleys Shakers Refer from Communism; Millennial church (s); Sects; Socialism; United society of Shakespeare, William believers (s) [These subheads may be used for other authors as needed] -Actors, see Shakespeare — Stage presentation -Animal lore, see Shakespeare — Natural history Refer from Bacon-Shakespeare controver--Authorship sy (s); Shakespeare — Bacon-Shakespeare controversy (s); Shakespeare-Bacon controversy (s) -Bacon-Shakespeare controversy, see Shakespeare - Authorship Biblical knowledge, see Shakespeare -Learning; Shakespeare - Religion and ethics -Bibliography Refer from Shakespeare - Editions (s) **Biography** Botanical knowledge, see Shakespeare — Natural history -Celebrations Refer from Shakespeare - Commemorations (s) -Characters See also Shakespeare - Stage presenta-Refer from Shakespeare - Fools (s); Shakespeare — Heroines (s); Shakespeare — Wotion men (s) -Chronology -Clubs, see Shakespeare — Societies -Collier controversy, see Shakespeare — Textual criticism -Commemorations, see Shakespeare -Celebrations -Commentaries, see Shakespeare — Criticism -Concordances Refer from Shakespeare - Indexes (s)



# Shakespeare, William — Continued ——Contemporary England

Criticism [including commentaries without text; criticism of a single play follows its text] See also Shakespeare — Textual criticism Cyclopedias, see Shakespeare - Dictionaries -Dictionaries -Editions, see Shakespeare — Bibliography -England in Shakespeare's time, see Shakespeare — Contemporary England -Environment, see Shakespeare — Con-temporary England -Ethics, see Shakespeare — Religion and ethics Fiction [about] -Folklore and mythology --Fools, see Shakespeare — Characters -Forgeries -Grammar, see Shakespeare — Language, pronunciation and versification Heroines, see Shakespeare — Characters -Home See also Stratford-upon-Avon -Humor -Illustrations -Indexes, see Shakespeare — Concordances Ireland forgeries, see Shakespeare - For-Knowledge, see Shakespeare — Learning -Language, pronunciation and versification -Learning See also Shakespeare — Folklore and mythology; Shakespeare — Natural history; Shakespeare — Sources Learning Shakespeare — Medical knowledge, see Shakespeare -Learning Miscellaneous Monuments Music Mythology, see Shakespeare - Folklore and mythology Name -Natural history Periodicals

Refer from Elizabethan age (s); England — History — Elizabethan period; England — Social life and customs; Shakespeare — England in Shakespeare's time (s); Shakespeare — Environment (s)

Refer from Shakespeare — Commentaries (8)

Refer from Shakespeare — Cyclopedias (s)

Refer from Shakespeare — Learning; Shakespeare — Mythology (s)

Refer from Literary forgeries and mystifications; Shakespeare — Ireland forgeries (s)

Refer from Stratford-upon-Avon Refer from Shakespeare — Wit and humor (s)

Refer from Shakespeare - Pictures (8)

Refer from Shakespeare — Grammar (s); Shakespeare — Pronunciation (s); Shakespeare — Rhetoric (s); Shakespeare — Textual criticism; Shakespeare — Versification (s)

Refer from Shakespeare — Biblical knowledge (s); Shakespeare — Knowledge (s); Shakespeare — Legal knowledge (s); Shakespeare — Medical knowledge (s); Shakespeare — Sources

Refer from Shakespeare — Animal lore (s);
Shakespeare — Botanical knowledge (s);
Shakespeare — Learning;
Plant lore (s)

Philosophy

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Shakespeare, William - Continued -Pictures, see Shakespeare — Illustrations; Shakespeare — Portraits Plant lore, see Shakespeare - Natural history -Plots See also Shakespeare - Sources Refer from Plots (drama, novel, etc.); Shakespeare — Sources -Poetry [about] Refer from Shakespeare - Pictures (8) -Portraits -Pronunciation, see Shakespeare - Language, pronunciation and versification Religion and ethics Refer from Shakespeare - Biblical knowledge (s); Shakespeare — Ethics (s); Shakespeare — Philosophy; Shakespeare — Theology (s) Rhetoric, see Shakespeare — Language, pronunciation and versification Societies Refer from Shakespeare -- Clubs (s) Sources See also Shakespeare - Learning: Refer from Shakespeare - Learning; Shake-Shakespeare - Plots speare - Plots Refer from Shakespeare - Actors (s); Shake-Stage presentation speare - Characters; Theater Refer from Shakespeare - Tales from Shake--Stories speare (s) -Study and teaching -Tales from Shakespeare, see Shakespeare — Stories Textual criticism See also Shakespeare - Language, pro-Refer from Shakespeare - Collier contronunciation and versification versy (s); Shakespeare — Criticism -Theology, see Shakespeare — Religion and ethics -Versification, *see* Shakespeare — Language, pronunciation and versification -Wit and humor, see Shakespeare — Humor -Women, see Shakespeare — Characters Shakespeare-Bacon controversy see Shakespeare - Authorship Shawls Refer from Costume; Textile industry and fabrics Shay's rebellion, 1786-1787 See also Massachusetts - History Refer from Massachusetts — History Sheep
See also Feeding and feeding stuffs; Live
stock; Ungulata; Veterinary medicine; Wool Refer from Domestic animals; Live stock; Ungulata; Veterinary medicine; Wool See also Brass; Copper; Dies; Metal work; Punching machinery; Tin; Tin-Refer from Dies; Machine shop practice; Metal work; Tinsmithing smithing; Zinc Shell money See also Wampum Shell mounds see Kitchen middens Refer from Indians; Money; Wampum Shells (conchology) see Mollusks Shells (explosives) see Projectiles Shellwork Refer from Arts and crafts Shelving (for books) Refer from Book shelves (s); Book stacks (s); Bookcases (s); Books; Libraries; Library architecture; Library fittings and supplies; Stacks (for books) (s) Sheriffs See also Arrest Refer from Arrest; County officers; Law Shinto See also Ancestor worship; Japan - Re-Refer from Ancestor worship; Japan - Religion ligion; Religions

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Ship-building see Shipbuilding Ship canals

See also Panama canal

Ship fever see Typhus fever Ship railroads

Ship subsidies or Subsidies Shipbuilding

See also Armored vessels; Boats and boating; Bulkheads; Launching; Marine engines; Motor boats; Propellers; Ships; Steamboats; Submarine boats; Torpedo boats; Warships; Yachts and yachting

Shipping

See also Carriers; Commerce; Maritime law; Salvage; Shipbuilding; Ships; Steamboats; Subsidies; Transportation

----U. S.

Shipping subsidies see Subsidies Shippo see Cloisonné

Ships

See also Anchors; Armored vessels; Boats and boating; Galleys; Ice-breaking vessels; Launching; Naval art and science; Navies; Navigation; Propellers; Sailing; Sailors; Sails; Shipbuilding; Shipping; Shipwrecks; Steam navigation; Steamboats; Submarine boats; Torpedo boats; Warships; Yachts and yachting

Shipwrecks

See also Castaways; Collisions at sea; Life-saving; Lifeboats; Salvage; Wrecking

Shoemakers

Shoes see Boots and shoes

Shooting

See also Archery; Ballistics; Firearms; Game; Game birds; Gunnery; Guns; Hunting; Rifle practice; Rifles; Sports; Target practice

Shooting stars see Meteors

Shop management see Machine shop management; Scientific management Shop practice see Machine shop practice Shop window decoration see Window dressing

Shoplifting see Larceny Shops see Machine shops; Railroads — Shops

Shore see Seashore

Shoring and underpinning See also Building; Foundations

Short ballot see Ballot Short-sightedness see Myopia Short stories

See also Fiction

Shorthand

See also Abbreviations; Writing

Shot-guns see Shotguns Shotguns

Refer from Canals; Interoceanic canals (s); Panama canal

· Refer from Railroads

Refer from Architecture, Naval (s); Boat building (s); Bulkheads; Industrial arts; Marine architecture (s); Marine engineering; Naval architecture (s); Naval art and science; Navigation; Ship-building (s); Shipping; Ships; Steamboats; Vessels (s)

Refer from Carriers; Commerce; Maritime law; Mercantile marine (s); Merchant marine (s); Navigation; Ships; Steamboats; Transportation; Vessels (s)
Refer from U. S.—Commerce; U. S.—Merchant marine (s); U. S.—Shipping (s)

Refer from Boats and boating; Fleets (s); Navigation; Ocean; Shipbuilding; Shipping; Vessels (s)

Refer from Accidents; Adventure; Castaways; Collisions at sea; Disasters; Life-saving; Navigation; Ocean; Ships; Wrecks (s)
Refer from Biography; Boots and shoes

Refer from Ballistics; Firearms; Game; Game birds; Gunnery; Gunning (s); Guns; Hunting; Rifles; Sports

Refer from Building; Foundations; Scaffolding; Underpinning (s)

Refer from Authorship; Fiction; Literature; Stories (s)

Refer from Abbreviations; Brachygraphy (s); Business education; Phonography (s); Reporting; Signs; Stenography (s); Tachygraphy (s); Takigraphy (s); Writing

Refer from Firearms; Guns; Shot-guns (8)

Signalura

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Show cards

Show windows see Window dressing

Shrines

See also Holy wells; Miracles; Pilgrimages; Relics

Shrubs

See also Botany; Gardening; Hedges; Landscape gardening; Topiary work; Trees Siberia — Exiles

Sicilian vespers

Sick, The, see Invalids Sidereal system see Stars

Sidewalks

See also Pavements

Sieges

See also Battles; Fortification; Military art and science; Mines, Military

See also Astigmatism; Blind; Color blindness; Color sense; Eye; Myopia; Optical illusions; Senses and sensation; Spectacles

See also Tonic sol-fa

Sigillography see Seals (numismatics) Sign boards see Sign painting; Signs Sign language

See also Ciphers; Deaf and dumb; Pantomime

Sign painting
See also Lettering; Painting, Mechanical; Signs

See also Beacons; Bugle calls; Fire alarms; Flags; Fog signals; Railroads — Signals; Telegraph; Wireless telegraphy

Signatures see Autographs

Signboards see Sign painting; Signs Signers of the Declaration of independence see Declaration of independence - Signers Signets see Seals (numismatics)

See also Shorthand; Sign language; Sign painting; Signals

Signs (omens) see Omens

Sikhs

See also India - History

Silage see Ensilage

Silhouettes

Silk

See also Silkworms; Textile industry and fabrics

Silkworms

Silos see Ensilage Silurian period see Geology, Stratigraphic — Silurian; Paleontology — Silurian

See also Cyanide process; Precious metals; Silver (as money); Silver mines and mining; Silversmithing; Silverware

Refer from Advertising

Refer from Catholic church; Christian antiquities; Church furniture; Holy wells; Miracles; Pilgrimages; Relics; Saints

Refer from Botany; Gardening; Hedges; Landscape gardening; Plants Refer from Crime and criminals - Russia;

Exile; Penal colonies; Prisons — Russia Refer from Massacres; Sicily — History

Refer from Pavements; Roads; Streets

Refer from Battles; History; Military art and science; Military history; War

Refer from Eye; Light; Optics, Physiological (s); Perception; Senses and sensation; Vision (s)

Refer from Music; Music - Instruction and study; Singing and voice culture

Refer from Deaf and dumb; Gesture; Language; Signs

Refer from Advertising; Lettering; Painting, Mechanical; Sign boards (s); Signboards (s);

Refer from Collisions at sea; Flags; Military art and science; Naval art and science; Navigation; Signs

Refer from Advertising; Business; Municipal improvement; Sign boards (s); Sign painting; Signboards (s)

Refer from India - History; India - Religion; Religions

Refer from Art; Drawing

Refer from Animal products; Fibers; Textile industry and fabrics; Yarn Refer from Cocoons; Moths; Sericulture (s); Silk

Refer from Precious metals

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Silver (as money)

See also Bimetallism; Coinage; Money

## Silver mines and mining

Silver-plating see Electroplating; Plating Silver question see Money — U. S.; Silver (as money)

Silverplating see Electroplating; Plating

Silversmithing

See also Arts and crafts; Hall marks; Jewelry; Metal coloring; Plate; Silverware

Silverware

See also Hall marks; Plate; Silversmithing

Silviculture see Forests and forestry; Trees Simony

Simple life

See also Country life; Leisure Simplified spelling see Spelling reform

See also Absolution; Christian ethics; Confession; Crime and criminals; Depravity; Evil; Fall of man; Future punishment; Predestination; Repentance; Salvation; Temptation

Sincerity

See also Honesty; Truth

Singers

See also Musicians

Singing and voice culture

See also Breathing; Chanting; Choirs; Choral societies; Music; Musical accompani-ment; School music; Sight reading; Sing-ers; Songs; Tonic sol-fa; Voice Singing societies see Choral societies Single rail see Railroads - Single rail Single tax

See also Land nationalization: Land tenure; Physiocrats

Sinking funds

Sirups see Syrups Sisterhoods

See also Carmelites; Convents and nun-neries; Deaconesses; Nuns; Religious orders; Sisters of charity; Ursulines

## Sisters of charity

Six nations see Iroquois Indians Sixteenth century See also History, Modern

Skat

See also Cards

Skating

See also Roller-skating; Winter sports

Refer from Bimetallism; Campaign literature; Coinage; Demonetization of silver (s); Finance; Free coinage of silver (s); Money; Resumption of specie payment (s); Silver; Silver question (s); Specie (s); Specie payment (s)

Refer from Mines and mineral resources; Silver

Refer from Arts and crafts; Jewelry; Metal coloring; Metal work; Plate; Silver; Silverware

Refer from Hall marks; Plate; Silver; Silversmithing

Refer from Church discipline; Church law

Refer from Conduct of life; Country life

Refer from Christian ethics; Confession; Depravity; Ethics; Evil; Fall of man; Original sin (s); Religion; Temptation; Theology; Total depravity (s)

Refer from Ethics; Honesty; Truth

Refer from Musicians; Prima donnas (8); Singing and voice culture; Vocalists (s); Women

Refer from Breathing; Chanting; Choirs; Elocution; Music; Music — Instruction and study; Songs; Vocal culture (s); Vocal music (s); Voice; Voice culture (s)

Refer from Betterments (s); Land; Land nationalization; Land tenure; Real estate; Taxation

Refer from Debts, Public; Finance; Funds (s)

Refer from Catholic church; Charities; Church history; Church of England; Church polity; Monasticism; Nuns; Protestant Episcopal church in the U. S.; Religious orders; Women

Refer from Charities; Charity, Sisters of (s); Nuns; Nurses and nursing; Sisterhoods

Refer from Europe - History - 1492-1789; History, Modern

Refer from Cards

Refer from Athletics; Ice; Locomotion; Sports; Winter sports

			·	

Skees and skee-running See also Winter sports

See also Anatomy; Anatomy, Comparative; Bones; Skull; Spine

Skepticism

See also Agnosticism; Atheism; Deism; Free thought; Materialism; Pantheism; Rationalism

Sketching see Drawing; Painting Skiagraphs see Radiography Skiing see Skees and skee-running Skin

See also Anatomy; Color of man; Skin grafting; Smallpox

-Diseases

See also Leprosy; Pellagra

Skin grafting Skins see Hides and skins Skipjacks Skis see Skees and skee-running Skull

See also Brain; Head; Skeleton; Trephining Sky see Astronomy; Meteorology Sky-scrapers see High buildings Skylights Skyscrapers see High buildings Slag

See also Blast furnaces; Cement

Slander see Libel and slander Slang
See also Americanisms; Briticisms

Slate Slate writing see Spiritualism Slaughtering and slaughterhouses

See also Meat; Meat inspection; Packing industry

Slave trade

See also Kidnapping; Slavery

Slavery

See also Africa - Colonization; Freedmen; Galleys; Indentured servants; Negroes; Peonage; Redemptioners; Serfdom; Slave trade

Slavery in the U.S.

See also Abolitionists; Free soil party; Freedmen; Fugitive slaves; Kansas - History; Kansas-Nebraska bill; Mason and Dixon's line; Missouri compromise; Negroes; Southern states; Underground railroad (slavery)

Slavic languages

See also Aryan languages; Bohemian language; Polish language; Russian language

Refer from Skiing (s); Skis (s); Sports; Winter sports

Refer from Anatomy; Anatomy, Comparative; Anthropology; Bones; Skull; Spine

Refer from Agnosticism; Atheism; Belief; Deism; Doubt (s); Faith; Free thought; Infidelity (s); Philosophy; Religion; Scepticism (s); Theology; Unbelief (s)

Refer from Absorption (physiology); Anatomy; Beauty, Personal; Dermatology (s); Pigmentation (s)

Refer from Cutaneous diseases (s); Medicine Refer from Skin; Surgery

Refer from Boats and boating; Sailing

Refer from Bones; Craniology (s); Ethnology; Head; Skeleton

Refer from Building; Roofs; Windows

Refer from Blast furnaces; Iron; Metals; Waste products

Refer from Argot (s); Dialects; English language; Language; Manners and customs Refer from Building stones; Rocks; Roofs

Refer from Abattoirs (8); Butchering (8); Hygiene, Public; Markets; Meat; Meat in-spection; Packing industry

Refer from African slave trade (8); Kidnapping; Negroes; Slavery

Refer from Abolition of slavery (s); Antislavery (s); Emancipation (s); Ethics; Freedmen; Freedom (s); Government; History; Labor and laboring classes; Liberty; Negroes; Serfdom; Slave trade; Sociology

Refer from Abolition of slavery (s); Abolitionists; Free soil party; Negroes; Southern states; U. S.— History; U. S.— History—Civil war; U. S.— Slavery (s)

Refer from Aryan languages; Bohemian language; Polish language; Russian language

Slavic literature

See also Bohemian literature; Polish literature; Russian literature Slavic mythology see Mythology, Slavic Slavic race see Slavs Slavonic see Slavic

Slavs

See also Aryans; Czechs; Ethnology — Russia; Panslavism; Poles (Polanders)

Slavs in the U.S.

See also Bohemians in the U. S.; Poles in the U.S.; Russians in the U.S.

See also Dreams; Hypnotism; Insomnia; Nightmare; Somnambulism; Subconscious-

Sleep-walking see Somnambulism Sleeping cars

Sleeping sickness

See also Tsetse flies

Sleeplessness see Insomnia Sleepwalking see Somnambulism Sleight of hand see Conjuring Slide rule

Slide valves see Valves and valve gears Slojd see Manual training; Woodwork Sloth see Idleness Sloyd see Manual training; Woodwork Slumber songs see Lullabies Slums

See also Poor; Tenement houses

Small arms see Firearms Small fruit see Berries; Fruit **Smallpox** 

See also Inoculation; Vaccination; Vario-

Smell.

See also Nose; Senses and sensation

Smelting

See also Blast furnaces; Electrometallurgy; Furnaces; Metallurgy; Ore treatment

See also Fuel; Fumigation; Mechanical draft

Smokeless powder see Gunpowder **Smoking** 

See also Cigarettes; Cigars; Pipes, To-bacco; Tobacco; Tobacco— Physiological effects

Smuggling

Snake dance

See also Indians - Dances Snake venom see Venom

Refer from Bohemian literature; Literature; Polish literature; Russian literature

Refer from Aryans; Czechs; Ethnology — Europe; Ethnology — Russia; Poles (Polanders); Slavic race (s)

Refer from Bohemians in the U. S.; Poles in the U. S.; Russians in the U. S.; U. S.— Foreign population

Refer from Brain; Dreams; Hygiene; Insomnia; Night; Physiology; Psychology; Rest; Somnambulism; Subconsciousness

Refer from Cars; Railroads - Rolling stock

Refer from Insects as carriers of contagion; Medicine - Practice; Tropics - Diseases and hygiene; Tsetse flies

Refer from Calculating machines; Carpentry; Logarithms; Mathematical instruments; Measuring instruments

Refer from Cities; Poor; Social problems; Tenement houses

Refer from Contagion and contagious diseases; Epidemics; Inoculation; Medicine—Practice; Skin; Vaccination; Variola (s); Varioloid

Refer from Nose; Odors; Senses and sensation

Refer from Furnaces; Metallurgy; Metals; Ore treatment

Refer from Air pollution; Chimneys; Combustion; Fire; Fuel; Mechanical draft; Municipal improvement; Nuisances; Sanitary chemistry; Sanitation

Refer from Cigarettes; Cigars; Pipes, Tobacco; Temperance; Tobacco; Tobacco — Physiological effects
Refer from Commerce; Crime and criminals;

Refer from Indians - Dances

Snake worship see Serpent worship Snakes

See also Reptiles: Serpent worship: Venom

Snow Snuff

See also Avalanches; Ice; Meteorology Soap

See also Chemistry, Technical

# Soap bubbles

Sobriquets see Nicknames; Pseudonyms Sociables see Church entertainments; Entertainments

Social centers

See also Playgrounds; Social settlements

Social classes see Class distinction Social compact see Social contract Social conditions see Civilization; Social problems; Sociology; also names of countries and cities, subhead Social conditions Social contract

Social democracy see Socialism Social ethics

See also Christian ethics; Christian sociology; Leisure class; Political ethics; Social problems, and references under that subject; State ethics; Wealth

Social evil see Prostitution

Social life and customs see Manners and customs; Society; also names of countries and cities, subhead Social life and customs Social pathology see Social problems

Social problems

See also Charities; Child labor; Christian sociology; Cost of living; Crime and criminals; Defectives; Divorce; Education; Eugenics; Family; Housing problem; Hygiene, Public; Immigration and emigration; Juvenile delinquency; Labor and laboring classes; Liquor problem; Marriage; Municipal gov-ernment; Poor; Prostitution; Race problems; Reform; Slums; Social ethics; Social work; Socialism; Unemployed; War Social psychology

See also Crowds; Ethnopsychology; Fashion; National characteristics; Public opinion

Social purity see Sexual ethics Social reform see Reform; Social problems Social science see Civilization; Economics; Government; Sociology Social service see Social work Social settlements

See also Boys' clubs; City missions; Friendly visiting; Mothers' clubs; Neigh-borhood gilds; Neighborhood improvement; Poor; Social work

Social work

See also Charities; Christian sociology; Discharged prisoners; Friendly visiting; Industrial betterment; Social centers; Social problems; Social settlements

Refer from Reptiles; Ophidia (s); Serpents (s)

Refer from Meteorology; Storms; Water Refer from Tobacco

Refer from Chemistry, Technical; Cleaning,

Refer from Amusements; Bubbles, Soap (s); Liquids; Physics

Refer from People's palaces (s); Recreation centers (s); Schoolhouses; Social work

Refer from Government; Law; Social compact (s); Sociology; Sovereignty

Refer from Christian ethics; Christian sociology; Ethics; Ethics, Social (s); Religion and sociology (s); Social problems; Sociology; State ethics

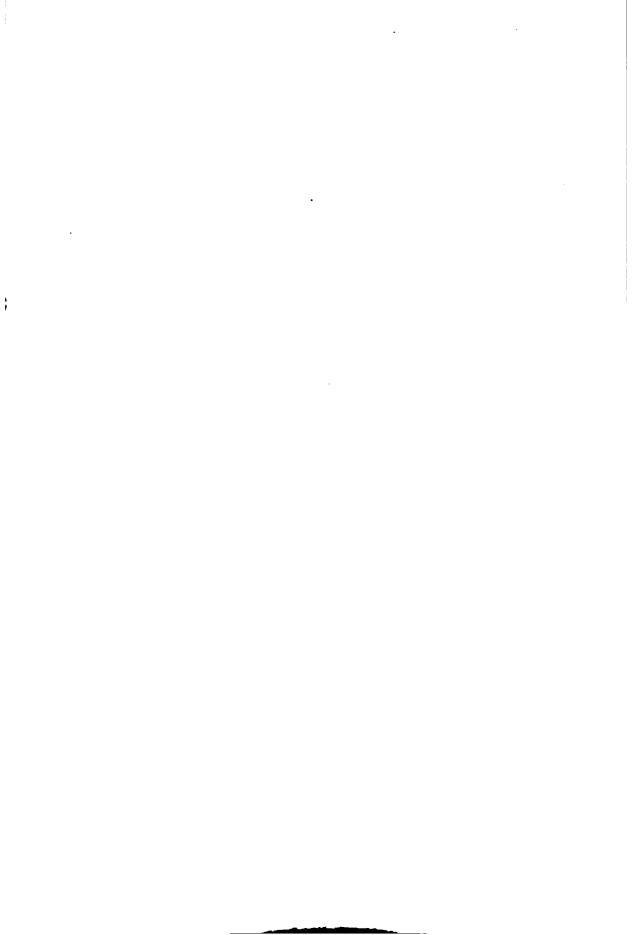
Refer from Christian sociology; Civilization; Ethics; Reform; Social conditions (s); Social ethics; Social pathology (s); Social reform (s); Social work; Sociology

Refer from Crowds; Ethnopsychology; Psychology; Psychology, Comparative; Psychology, Social (s); Sociology

Refer from Charities; Church settlements (s); Church work; College settlements (s); Neighborhood work (s); Philanthropy; Poor; Settlements (s); Social centers; Social work; Sociology; University settlements (s)

Refer from Charities; Christian sociology;
Philanthropy; Social problems; Social serv-

ice (s); Social settlements



/Socialism

See also Christian socialism; Communism; Cooperation; Economic determinism; Economics; Equality; Government ownership: Individualism; Land nationalization; Paternalism; Shakers; Socialism and Catholic church; Socialism and Christianity; Utopias

— Christian, see Christian socialism Socialism and Catholic church See also Socialism and Christianity

Socialism and Christianity

See also Socialism and Catholic church

Socialistic communities see Communism; also names of communities Socialistic utopias see Utopias Socials see Church entertainments; Entertainments

**Societies** 

See also Agricultural societies; Antiquarian societies; Art societies; Benefit societies; Bible societies; Botanical societies; Charitable societies; Clubs; Corporations; Educational associations; Fraternities, College; Fraternities, High school; Geographical societies; Gilds; Historical societies; Humane societies; Insignia; Labor unions; Learned societies; Literary societies; Medical societies; Missionary societies; Musical societies; Patriotic societies; Scientific societies; Secret societies; Tract societies; Typographical societies; also names of societies

Society [for society life, not sociology]

See also Class distinction; Conversation;
Courts and courtiers; Entertaining; Etiquet;
Salons; Sociology; Solitude; also names of
countries and cities, subhead Social life and
customs

-Primitive

See also Clans; Industries, Primitive; Savages; Tribes and tribal system; Village communities

Society of Friends see Friends, Society of Society of Jesus see Jesuits Socinianism

See also Arianism; Trinity; Unitarianism

Sociology

See also Altruism; Anarchism and anarchists; Anthropology; Caste; Charities; Children; Christian socialism; Christian sociology; Christianity; Cities; Civilization; Class distinction; Colonies and colonization; Communism; Cooperation; Crime and criminals; Crowds; Defectives; Divorce; Economics; Education; Equality; Ethics; Ethnopsychology; Eugenics; Evolution; Family; Feudalism; Gilds; Government;

Refer from Collectivism (s); Communism; Cooperation; Democracy; Economic determinism; Economics; Equality; Government; Government ownership; Individualism; Labor and laboring classes; Land nationalization; Nationalism (s); Paternalism; Property; Social democracy (s); Social problems; Sociology; State socialism (s); Utopias

Refer from Catholic church — Social relations; Catholic church and socialism (s); Church and state; Socialism; Socialism and Christianity

Refer from Christianity; Christianity and socialism (s); Church and state; Socialism; Socialism and Catholic church

Refer from Associations (s); Clubs; Sociology

Refer from Etiquet; Manners and customs; Social life and customs (s); Sociology

Refer from Anthropology; Civilization; Clans; Ethnology; Government; Industries, Primitive; Primitive society (s); Savages; Sociology; Tribes and tribal system

Refer from Arianism; Humanitarianism (theology) (s); Jesus Christ; Jesus Christ—Divinity; Theology; Trinity; Unitarianism

Refer from Anthropology; Civilization; Ethics; Government; History; Labor and laboring classes; Man; People; Science; Social conditions (s); Social science (s); Society

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Sociology - Continued

Immigration and emigration; Individualism; Industry; Insurance; Labor and laboring classes; Law; Leisure class; Man; Manners and customs; Marriage; Peace; People; Poor; Population; Prisons; Progress; Property; Punishment; Race problems; Religion; Savages; Slavery; Social contract; Social ethics; Social problems; Social psychology; Social settlements; Socialism; Societies; Society; Society, Society, Society; Utopias; War; Women; also names of countries and cities, subhead Social conditions

Christian, see Christian sociology

Soil absorption

See also Soil moisture

Soil bacteriology

See also Bacteriology, Agricultural; Nitrification; Soil inoculation

Soil fertility

See also Fertilizers and manures; Rotation of crops

Soil inoculation

See also Nitrification; Soil bacteriology

Soil moisture

See also Agricultural physics; Drainage; Soil absorption

Soil surveys

Soiling crops see Feeding and feeding stuffs Soils

See also Agricultural chemistry; Agricultural physics; Agriculture; Alkali lands; Alluvium; Bacteriology, Agricultural; Clay; Drainage; Fertilizers and manures; Irrigation; Nitrification; Soil absorption; Soil bacteriology; Soil fertility; Soil inoculation; Soil moisture; Soil surveys; Tillage

Sol-fa system see Tonic sol-fa Solar eclipses see Eclipses Solar engines see Solar motors

Solar heat see Sun

Solar motors

Solar parallax see Parallax

Solar physics see Astronomy; Astrophysics; Sun

Solar spectrum see Spectra

Solar system

See also Asteroids; Astronomy; Meteoritic hypothesis; Nebular hypothesis; Planetesimal hypothesis; Planets [and their names]; Sun

Solder and soldering

See also Alloys; Welding

## **Soldiers**

See also Armies; Army life; Mercenary troops; Military art and science; Military biography; Pensions; Soldiers' homes; Soldiers' monuments

Refer from Absorption in soils (8); Agricultural physics; Soil moisture; Soils

Refer from Bacteriology; Bacteriology, Agricultural; Nitrification; Nitrifying bacteria (s); Soil inoculation; Soils

Refer from Agriculture; Fertility (8); Soils

Refer from Agriculture; Fertilizers and manures; Inoculation of soils (s); Legume inoculation (s); Nitrification; Soil bacteriology; Soils

Refer from Agricultural physics; Moisture of soils (s); Soil absorption; Soils; Water, Underground

Refer from Agriculture; Soils; Surveys (s)

Refer from Agricultural chemistry; Agricultural physics; Agriculture; Geology; Geology, Economic; Mold, Vegetable (s); Tillage; Vegetable mold (s)

Refer from Motors; Solar engines (s); Sun

Refer from Astronomy; Planets; Sun

Refer from Alloys; Brazing (s); Metal work; Metals; Plumbing; Welding

Refer from Armies; Army life; Military art and science; Military biography

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#### Soldiers' homes

Soldiers' monuments Solicitors see Lawvers Solid geometry see Geometry Solida Solitaire

Solitude

See also Hermits Soluble ferments see Enzymes Solution (chemistry)

See also Boiling points; Chemistry; Chemistry, Physical; Colloids; Electrolysis; Ions; Osmosis

Somnambulism

See also Dreams; Hypnotism; Sleep

Sonatas

See also Musical form

Song of birds see Birds - Song Songs

See also Anthems; Ballads; Campaign songs; Carols; Children's songs; Choruses and part songs; Church music; College songs; Drinking songs; Duets, Vocal; Folk songs; Glees; Hymns; Kindergarten— Games and songs; Lullabies; Lyric poetry; National songs; Negro songs; Sailors' songs; School music; Singing and voice culture; War songs

-American

See also Ballads, American; Campaign songs; Indians - Music; National songs; Negro songs; Songs, English

-English See also Ballads, English; Songs, American; Songs, Irish; Songs, Scottish

—Irish

See also Ballads, Irish

Scores

See also references under Songs Scottish

See also Ballads, Scottish

Sonnets

See also Lyric poetry

See also American poetry; Sonnets, English

-English

See also English poetry; Sonnets, Ameri-

Sophists

See also Philosophy, Greek Sorcery see Witchcraft Sore throat see Throat Sorghum

See also Molasses; Sugar

Refer from Homes (institutions) (s); Homes for the aged; Pensions; Soldiers Refer from Monuments: Soldiers

Refer from Matter; Physics Refer from Cards; Games; (game) (s) Patience

Refer from Conduct of life; Society

Refer from Chemistry; Chemistry, Physical; Fluids; Ions; Liquids; Ósmosis

Refer from Dreams; Hypnotism; Medicine -Practice; Night; Psychology; Sleep; Sleep-walking (s); Sleepwalking (s)

Refer from Instrumental music; Music; Music — Scores; Musical form; Piano music; Piano music — Scores

Refer from Ballads; Carols; Folk songs; Glees; Lyric poetry; Music; Poetry; Singing and voice culture; Vocal music (s)

Refer from American poetry; American songs (8); Ballads, American; Music — U. S.; Songs, English

Refer from Ballads, English; English poetry; English songs (s); Music — England; Songs, American

Refer from Ballads, Irish; Irish poetry; Irish songs (s); Music — Ireland; Songs, English

Refer from Music - Scores

Refer from Ballads, Scottish; Music — Scotland; Scottish poetry; Scottish songs (s); Songs, English

Refer from Lyric poetry; Poetry

Refer from American literature; American poetry; American sonnets (s); Sonnets, English

Refer from English literature; English poetry; English sonnets (s); Sonnets, American

Refer from Philosophy; Philosophy, Greek

Refer from Forage plants; Molasses; Sugar

South american Douth Dakota

Soteriology see Salvation Soubriquets see Nicknames; Pseudonyms Soul

See also Animal intelligence; Animism; Future life; Personality; Preëxistence; Psychology; Spiritual life; Transmigration

#### Sound

See also Acoustics of buildings; Ear; Hearing; Music; Noise; Phonetics; Phonograph; Physics; Radiation; Telephone; Voice Sounding and soundings

Soup

See also Cookery South (U. S.) see Southern states South African war, 1899-1902 See also Jameson's raid,

1895-1896; Transvaal

South pole See also Antarctic regions

Southern states

See also Confederate States of America: Creoles; Ku-Klux Klan; Mountaineers of the South; Negroes; Reconstruction; Slavery in the U. S.; Southwestern states; U. S.

- History - Civil war; also names of states
Southwest (U. S.) see Southwestern states Southwestern states

See also Santa Fé trail; Western states; also names of states Sovereigns see Caliphs; Emperors; Kings and rulers; Monarchy; Queens and empresses Sovereignty

See also Constitutional law; Government; Social contract; State rights

Space See also Ether (of space); Fourth dimension; Space perception Space perception

See also Perception; Senses and sensation

Space telegraphy see Wireless telegraphy Spain — History

To 1479 See also Moors in Spain

1479-1700 See also Armada, 1588; Reformation -Spain

1700-See also Austrian succession, War of: Carlists; Peninsular war, 1807-1814; Spanish succession, War of; U. S.— History — War with Spain

Spanish America see Latin America Spanish-American war, 1898, see U. S .- History - War with Spain Spanish armada see Armada, 1588

Spanish inquisition see Inquisition Spanish language [subdivided like German

language]
See also Romance languages

Refer from Animism; Dualism; Ethics; Future life; Man; Materialism; Metaphysics; Personality; Philosophy; Preëxistence; Psychology; Salvation; Spirit (s); Theology; Transmigration

Refer from Acoustics (s); Ear; Music; Noise; Physics; Radiation; Senses and sensa-tion; Vibration; Voice; Waves

Refer from Deep-sea sounding (s); Hydrog-

raphy; Navigation; Ocean

Refer from Cookery

Refer from Anglo-Boer war (s); Boer war, 1899-1902 (s); Boers; Concentration camps; England — History — Victorian period; England — History — 1901-; Transvaal

Refer from Antarctic regions; Earth; Polar regions (s)

Refer from Negroes; Reconstruction; Slavery in the U.S.; South (U.S.) (8)

Refer from Southern states; Southwest (U. S.) (8); Western states

Refer from Constitutional law; Government; International law; Law

Refer from Astronomy; Metaphysics; Philosophy

Refer from Perception; Psychology, Physiological; Senses and sensation; Space

Refer from Moors in Spain

Refer from Armada, 1588; Reformation -Spain

Refer from Austrian succession, War of; Carlists; Peninsular war, 1807-1814; Spanish succession, War of

Refer from Romance languages

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Spanish literature

See also Authors, Spanish; Romance literature; Spanish poetry

Spanish poetry

See also Poets, Spanish; Spanish literature

Spanish succession, War of, 1701-1714
See also Europe — History — 1492-1789; Queen Anne's war; Spain - History 1700-

Sparring see Boxing Sparrows

See also Birds Spas see Health resorts Speakers see Orators; Recitations and readings Speaking see Elocution; Oratory; Preaching; Rhetoric; Speech; Voice Spear throwers see Throwing sticks Specie see Gold (as money); Money; Silver (as money) Specie payment see Money — U. S.; Silver (as money) Species

See also Evolution; Hybridization; Natural selection; Plant breeding; Variation (biology)

Specific gravity

See also Gravitation; Hydrometer; Weights and measures Specifications (building) see Building - Contracts and specifications **Spectacles** 

See also Eye; Lenses

Specters see Apparitions; Ghosts Spectra

See also Light; Radioactivity; Spectroscope: Spectrum analysis

Spectres see Apparitions; Ghosts Spectroscope See also Spectrum analysis

Spectroscopy see Spectrum analysis Spectrum see Spectra; Spectrum analysis Spectrum analysis

See also Spectra; Spectroscope

Speculation

See also Credit; Investments; Panics; Stock exchange; Stocks; Wall street

Speech

See also Animals — Language; Aphasia; Conversation; Deaf and dumb; Elocution; Language; Liberty of speech; Lip reading; Stammering; Voice Speech of animals see Animals — Language

Speeches see After-dinner speeches; Orations;

Oratory

Refer from Authors, Spanish; Romance literature; Spanish poetry

Refer from Poets, Spanish; Spanish litera-

Refer from England — History — Stuarts; Europe — History — 1492-1789; France — History — Bourbons; Germany — History — 1517-1740; Spain — History — 1700-; War of the Spanish succession (s)

Refer from Birds

Refer from Biology; Evolution; Heredity; Natural selection; Origin of species (s); Transmutation of species (s); Variation (biology); Zoology

Refer from Density (s); Gravitation; Hydrostatics; Matter; Weights and measures

Refer from Eye; Eye-glasses (8); Optical instruments; Sight

Refer from Absorption spectra (s); Astronomy; Light; Radiation; Solar spectrum (s); Spectrum (s); Spectrum analysis; Stars; Sun

Refer from Astronomical instruments; Optical instruments; Spectra; Spectrum analysis

Refer from Analysis, Spectrum (s); Astronomy; Astrophysics; Chemistry; Light; Spectra; Spectroscope; Spectroscopy (s); Spectrum (s);

Refer from Bucket shops (s); Commerce; Corners, Commercial (s); Economics; Finance; Investments; Panics; Stock exchange; Wall

Refer from Language; Phonetics; Speaking (s); Voice



Speed

See also Velocity

Speleology see Caves

Spellers

See also Primers; Spelling

**Spelling** 

See also Spellers; Spelling, English; Spelling reform; Transliteration; also names of languages other than English, e.g. German language — Spelling
—English

See also Spelling reform

# Spelling reform

Spherical astronomy see Astronomy, Spherical and practical
Spherical trigonometry see Trigonometry
Sphragistics see Seals (numismatics)
Sphygmograph
Spices

See also Condiments; Essences and essential oils; also names of spices

**Spiders** 

See also Arachnida

## Spies

Spikes see Nails and spikes Spinal meningitis see Meningitis Spine

See also Meningitis; Nervous system; Skeleton

Spinet see Piano

Spinning

See also Textile industry and fabrics;

**Spinsters** 

Spiral gearing see Gearing

Spires

See also Church architecture; Towers

Spirit see Holy Spirit; Soul Spiritism see Spiritualism Spirits see Apparitions; Demonology; Ghosts; Spiritualism; Witchcraft

Spiritual life

See also Christian life and character;

New thought; Sanctification

**Spiritualism** 

See also Apparitions; Clairvoyance; Mind reading; Psychical research

Spirituous liquors see Liquors Splashes Splicing see Knots and splices Spoils system see Civil service Sponges See also Invertebrates Refer from Aeronautics; Animal locomotion; Automobiles; High speed (s); Railroads; Velocity

Refer from Spelling; Textbooks

Refer from Language; Orthography (s); Phonetics; Spellers; Words

Refer from English language; English language — Orthography (s); English language — Spelling (s); English spelling (s); Spelling Refer from Phonetic spelling (s); Simplified spelling (s); Spelling; Spelling, English

Refer from Blood; Diagnosis; Heart

Refer from Agricultural products; Agriculture — Tropics; Condiments

Refer from Arachnida Refer from Military art and science; Spying (s)

Refer from Backbone (s); Bones; Nervous system; Skeleton; Vertebral column (s)

Refer from Textile industry and fabrics; Yarn Refer from Celibacy; Old maids (s); Women

Refer from Architecture; Church architecture; Steeples (s); Towers

Refer from Christian life and character; Conduct of life; Ethics; Life; Personal religion (s); Religion; Religion, Personal (s); Religious experience (s); Soul

Refer from Animism; Apparitions; Future life; Ghosts; Mediums (s); Miracles; Occult sciences; Philosophy; Psychical research; Religions; Slate writing (s); Spiritism (s); Spirits (s); Supernatural; Superstition; Tablemoving (s); Theology

Refer from Capillarity; Liquids; Viscosity

Refer from Invertebrates; Marine zoology;

Porifera (s)



Spontaneous combustion see Combustion Spontaneous generation

See also Reproduction

Sports

See also Acrobats; Aeronautics; Amusements; Aquatic sports; Archery; Athletics; Automobile racing; Betting; Boats and boating; Boxing; Bullfights; Camping; Canoes and canoeing; Coasting; College athletics; Coursing; Cycling; Driving; Falconry; Fencing; Fishing; Gambling; Games, and names of games; Gymnastics; Horse racing; Horsemanship; Hunting; Ice boats; Jiujitsu; Kites; Land yachts; Mountaineering; Olympic games; Outdoor life; Physical education; Roller-skating; Rowing; Running; Sailing; Shooting; Skating; Skees and skeerunning; Swimming; Tobogganing; Tournaments; Track athletics; Training; Trapping; Walking; Winter sports; Wrestling; Yachts and yachting
Spraying

See also Bordeaux mixture; Fruit — Diseases and pests; Fungicides; Insecticides

See also Seasons

Springs

See also Geysers and hot springs; Mineral waters; Sulphur springs; Water, Underground; Wells
Spying see Spies
Squabs see Pigeons
Square (instrument)

Squares, Magic, see Magic squares
Squaring of the circle see Circle-squaring
Stables see Barns and stables
Stacks (for books) see Shelving (for books)
Stage see Acting; Drama; Theater; Vaudeville
Stage-coaches see Coaches and coaching
Stage make-up see Make-up, Theatrical
Stained glass
Stee also Glass, Ornamental

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Stains and staining

See also Graining; Wood finishing

Stair building
See also Railings

Stairs see Stair building Stairways see Stair building Stammering

Stamp act, 1765
See also U. S.— History — Revolution —
Causes

Refer from Abiogenesis (s); Archegony (s); Biology; Generation, Spontaneous (s); Life — Origin; Reproduction

Refer from Adventure; Amusements; Aquatic sports; Athletics; Country life; Field sports (s); Games; Hunting; Manly exercise (s); Outdoor life; Pastimes (s); Physical education; Play; Recreation (s); Shooting; Winter sports

Refer from Bordeaux mixture; Fruit — Diseases and pests; Fruit culture; Fungicides; Gardening; Insecticides; Insects, Injurious and beneficial; Plants — Diseases; Trees — Diseases and pests

Refer from Seasons

Refer from Fountains; Geysers and hot springs; Physical geography; Water; Water, Underground; Wells

Refer from Carpenters' square (s); Carpentry; Measuring instruments; Steel square (s); Tools

Refer from Art; Decoration and ornament; Glass; Glass, Ornamental; Glass painting (s); Painted glass (s); Painting; Windows

Refer from Graining; Painting, Mechanical; Wood finishing; Woodwork

Refer from Architecture; Building; Carpentry; Stairs (s); Stairways (s)

Refer from Speech; Stuttering (s); Voice

Refer from Stamp duties; U. S.— History — Colonial period; U. S.— History — Revolution — Causes

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Stamp duties
See also Stamp act, 1765

Stamps Standard of living

See also Cost of living; Extravagance; Luxury; Thrift; Wages

Standard of value see Money; Value Standard time see Time Standards see Flags; Standards of length; Units; Weights and measures Standards of length

Standing army see Armies Star atlases see Astronomy — Atlases Stars

See also Asteroids; Astrology; Astronomy; Astronomy — Atlases; Astrophysics; Meteors; Milky way; Parallax; Planets; Planispheres; Spectra; Zodiac Starvatiou

See also Famines
State, The, see Government
State and education see Education and state
State banks see Banks and banking — U. S.
State church see Church and state; Church of
England — Establishment

State constitutions see Constitutions, State State debts see Debts, Public State ethics

See also Political ethics; Social ethics

State fairs see Agricultural exhibitions State governments

See also Constitutions, State; Local government; also names of states

State ownership see Government ownership State publications see Government publications, and names of states, subhead Government publications

State regulation of industry see Government regulation of industry

State rights

See also Kentucky and Virginia resolutions, 1798; Nationalism, New; Nullification; Secession; States (U. S.)

State socialism see Socialism State trials see Trials States (U. S.)

See also Constitutions, State; State governments; State rights States rights see State rights Statesmanship see Diplomacy; Government

Statesmen
See also Diplomats; Governors; Ministers
of state; Prime ministers; Senators
Static electricity see Electrostatics

See also Dynamics; Elasticity; Electrostatics; Graphic statics; Hydrostatics; Mechanics

Refer from Commerce; Internal revenue (s); Taxation

Refer from Conduct of life; Cost of living; Economics; Ethics; Home economics; Labor and laboring classes; Life; Living, Standard of (s); Luxury; Poor; Prices; Thrift; Wages

Refer from Length, Standards of (s); Standards (s); Weights and measures

Refer from Astronomy; Astrophysics; Constellations (s); Double stars (s); Sidereal system (s)

Refer from Diet; Famines; Fasting

Refer from Ethics; Ethics, National (s); Ethics, State (s); International law; International relations; National ethics (s); Social ethics

Refer from Constitutions, State; Federal government; Government; States (U. S.)

Refer from Federal government; Government; Government regulation of industry; Nullification; Secession; Sovereignty; States (U. S.); States rights (s); U. S.— Constitution

Refer from State rights; U. S .- States (s)

Refer from Biography; Government

Refer from Dynamics; Engineering; Equilibrium (s); Mechanics; Physics

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See also Ink; Paper Stations, Railroad, see Railroads - Stations

See also Almanacs; Census; Church' statistics; Population; Probabilities; Tabulating machines; Vital statistics; Yearbooks. For statistics of a special subject, country or place see its name

Statues

See also Monuments; Plaster casts; Sculpture

Statute of limitations see Limitations (law) Statutes see names of countries and states Staves see Cooperage Stealing see Embezzlement; Larceny Steam

See also Boilers; Condensers (steam); Steam engines; Steam heating; Steam launches; Steam navigation; Steam pipes; Steam turbines; Steamboats; Thermodynamica

Steam boilers see Boilers; Steam engines

Steam engines

See also Boilers; Calorimeters and calorimetry; Condensers (steam); Fire engines; Heat; Indicators for steam engines; Injectors; Link motion; Locomotives; Marine engines; Power plants, Steam; Railroads; Safety valves; Steam; Steam navigation; Steam turbines; Steamboats; Traction engines; Valves and valve gears

Steam fitting see Pipe fitting; Steam pipes

Steam heating

See also Heating; Hot water heating; Steam pipes Steam injectors see Injectors

Steam launches

Steam navigation

See also Boilers, Marine; Marine engineering; Marine engines; Navigation; Steam engines; Steam turbines; Steamboats

Steam pipes

See also Pipe fitting; Steam heating

Steam plants see Power plants, Steam Steam power plants see Power plants, Steam Steam pumps see Pumps Steam turbines

Steam yachts see Yachts and yachting Steamboat inspection

Steamboats

See also Boilers, Marine; Bulkheads; Fire boats; Marine engines; Ocean travel; Propellers; Shipbuilding; Shipping; Steam launches; Steam navigation; Steamboat inspection; Steerage; Warships; Yachts and yachting

Steamers see Steamboats Steamships see Steamboats Refer from Manufactures; Paper

Refer from Census; Commerce; Economics; Government: History: Population: Sociology

Refer from Iconography (s); Monuments; Plaster casts; Sculpture

Refer from Boilers; Heat; Physics; Power; Steam engines; Thermodynamics; Vapor (s); Water

Refer from Boilers; Condensers (steam); Engineering; Engines; Heat engines; Indica-tors for steam engines; Locomotives; Machinery; Marine engines; Mechanical engineering; Mechanics; Motors; Power plants, Steam; Railroads; Safety valves; Steam; Steam boilers (s); Steam navigation; Thermodynamics; Valves and valve gears

Refer from Heating; Steam; Steam pipes

Refer from Boats and boating; Launches (s); Steam; Steamboats

Refer from Commerce; Inland navigation; Marine engineering; Navigation; Ships; Steam; Steam engines; Steamboats; Transportation

Refer from Pipe; Pipe fitting; Pipes (s); Steam; Steam fitting (s); Steam heating

Refer from Marine engineering; Marine enginee; Steam; Steam engines; Steam navigation; Turbines

Refer from Inspection of steamboats (s); Maritime law; Steamboats

Refer from Navigation; Ocean travel; Propellers; Shipbuilding; Shipping; Ships; Steam; Steam engines; Steam navigation; Steamers (s); Steamships (s); Transportation; Vessels (s)

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The Color

Steel

See also Annealing; Armor plate; Bessemer process; Corrosion and anti-corrosives; Foundry work; Iron; Metallography; Metals; Nickel steel; Rails; Steel construction; Steel industry; Tool steel; Tubes

Steel construction

See also Bridges; Building; Concrete, Reinforced; Concrete construction; Corrosion and anti-corrosives; Girders; Graphic statics; High buildings; Roofs; Strains and stresses; Strength of materials Steel engraving see Engraving

Steel industry

See also Iron industry; Rolling mills

Steel rails see Rails
Steel square see Square (instrument)
Steel ties see Railroads — Ties
Steel works see Steel industry
Steeplechasing see Horse racing
Steeples see Spires
Steerage
Stellar parallax see Parallax
Stencil work

Stencilling see Stencil work Stenography see Shorthand Steppes

Stereochemistry

See also Atoms; Chemistry, Physical; Isomerism

Stereography see Geometry Stereopticon See also Lantern slides

Stereoscope Stereotomy

See also Stonecutting

Stereotyping

See also Electrotyping; Printing

**Stimulants** 

See also Alcohol; Beverages; Coffee; Liquors; Tea; Temperance

Stipple engraving

See also Engraving
Stitches see Embroidery; Needlework
Stock breeding see Breeding; Live stock
Stock companies see Corporations; Joint-stock
companies

Stock exchange

See also, Banks and banking; Brokers and factors; Money; Panics; Speculation; Stocks; Wall street

Stock farming see Live stock Stock raising see Live stock Stockings see Hosiery Refer from Annealing; Bessemer process; Building materials; Iron; Metallography; Metals

Refer from Architecture; Building; Civil engineering; Fireproof construction; Girders; Graphic statics; High buildings; Roofs; Steel

Refer from Iron industry; Manufactures; Rolling mills; Steel; Steel works (s)

Refer from Ocean travel; Steamboats

Refer from Arts and crafts; Decoration and ornament; Design, Decorative; Frescoes; Painting; Stencilling (s)

Refer from Physical geography; Plains

Refer from Atoms; Chemistry; Chemistry, Physical; Isomerism; Molecules; Polarization (light); Sugar

Refer from Lantern slides; Magic lantern (s); Optical instruments; Photography

Refer from Optical instruments

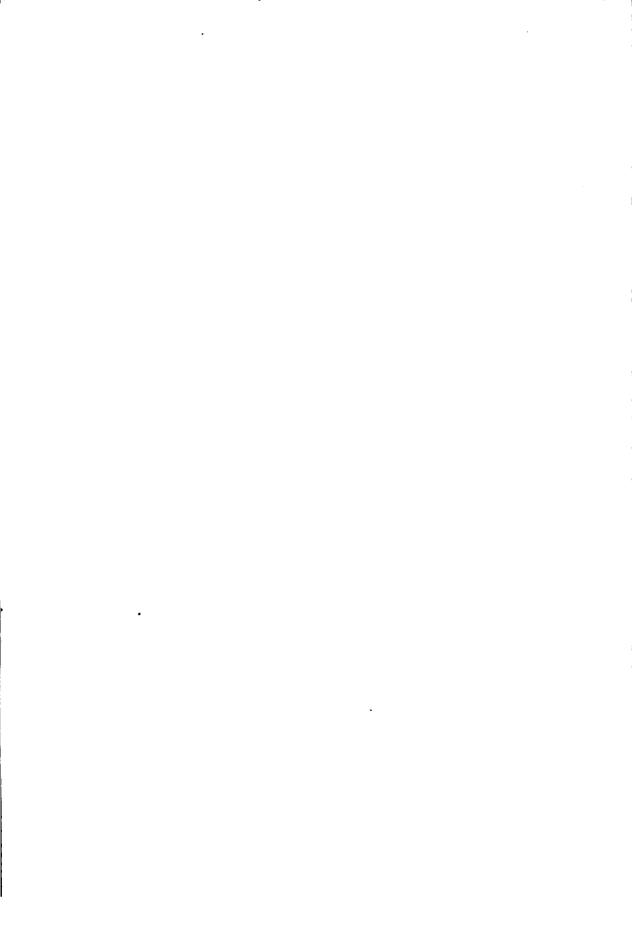
Refer from Geometry, Descriptive; Masonry; Stonecutting

Refer from Electrotyping; Printing

Refer from Beverages; Diet; Drugs; Food; Hygiene; Intoxicants (s); Medicine; Temperance; Therapeutics

Refer from Engraving; Etching

Refer from Arbitrage (s); Banks and banking; Brokers and factors; Business; Commerce; Corners, Commercial (s); Economics; Exchange; Finance; Money; Speculation; Stocks; Wall street



**Stocks** 

See also Bonds; Corporations; Investments; Joint-stock companies; Securities; Stock exchange; Wall street

**Stoics** 

See also Philosophy, Greek

Stomach

See also Digestion; Digestive system

Stone

See also Blasting; Building stones; Granite; Marble; Masonry; Precious stones; Quarries and quarrying; Rocks; Sandstone; Stone age; Stone implements; Stonecutting—Artificial

See also Concrete

—Philosopher's, see Philosopher's stone Stone age

See also Archaeology; Man — Origin and antiquity; Picts; Stone implements

Stone-cutting see Stonecutting Stone implements

See also Indians — Implements and weapons; Industries, Primitive; Stone age

Stone quarries see Quarries and quarrying Stonecutting

See also Building stones; Sculpture; Stereotomy Stones see Stone; Building stones; Precious stones

Stoneware see Pottery Storage batteries

See also Electric batteries

Stores see Business; Department stores Stories see Children's literature; Fairy tales; Fiction; Kindergarten — Stories; Legends; Romances; Short stories; Story-telling

See also Cyclones; Hail; Hurricanes; Insurance, Casualty; Meteorology; Rain; Snow; Thunderstorms; Tornadoes; Winds

Story-telling Stoves

See also Aladdin oven; Fireless cookers; Heating; Ovens

Strains and stresses

See also Arches; Bridges; Building; Elasticity; Girders; Graphic statics; Mechanics, Applied; Roofs; Strength of materials; Trusses

Strategy see Military art and science; Naval art and science

Stratigraphy see Geology, Stratigraphic Strawberries

See also Berries

Refer from Banks and banking; Bonds; Commerce; Corporations; Dividends (s); Economics; Exchange; Finance; Investments; Joint-stock companies; Negotiable instruments; Securities; Speculation; Stock exchange

Refer from Ethics; Materialism; Philosophy; Philosophy, Greek

Refer from Abdomen; Digestion; Digestive system

Refer from Building materials; Building stones; Geology; Geology, Economic; Masonry; Mineralogy; Quarries and quarrying; Rocks; Stones (s)

Refer from Artificial stone (s); Building materials; Concrete

Refer from Archaeology; Eolithic period (s); Man — Origin and antiquity; Neolithic period (s); Paleolithic period (s); Stone; Stone implements

Refer from Archaeology; Flint implements (s); Implements, utensils, etc.; Indians — Implements and weapons; Industries, Primitive; Stone; Stone age; Tools

Refer from Building stones; Masonry; Stereotomy; Stone; Stone-cutting (s)

Refer from Accumulators (s); Batteries (electric) (s); Electric batteries; Secondary batteries (s)

Refer from Blizzards (s); Cyclones; Disasters; Gales (s); Hurricanes; Meteorology; Thunderstorms; Tornadoes; Weather; Whirlwinds (s); Winds

Refer from Kindergarten; Stories (s); Teaching

Refer from Heating; Iron industry; Ovens

Refer from Architecture; Arches; Bridges; Building; Elasticity; Girders; Graphic statics; Mechanics, Applied; Roofs; Steel construction; Strength of materials; Stresses (s); Trusses

Refer from Berries



Streams see Rivers Street cars see Cars; Street railroads Street cleaning See also Refuse and refuse disposal

Street cries

See also Peddlers and peddling

Street lighting see Lighting Street railroads

See also Cable railroads; Electric railroads; Elevated railroads; Rapid transit; Subways; Suspended railways; also names of cities, subhead Street railroads

Streets

See also Asphalt; Pavements; Roads; Sidewalks; Street cleaning; also names of cities, subhead Streets

Strength of materials

See also Architecture; Building; Building materials; Elasticity; Girders; Graphic statics; Masonry; Strains and stresses; Trusses; also names of materials

Stresses see Strains and stresses Strikes and lockouts

See also Arbitration and conciliation, Industrial; Blacklisting; Boycott; Labor and laboring classes; Labor unions; Open and closed shop; Riots; also special strikes, e.g. Anthracite coal strike, 1902

String figures

Stringed instruments

See also Guitar; Harp; Harpsichord; Musical instruments; Piano; Violin; Violon-

Structural botany see Botany, Structural Stucco

See also Cement; Gesso; Plaster and plastering

Student life

See also Class day; College athletics; College stories; Colleges and universities; Fraternities, College; Hazing; School stories; Students

Student self-government see Self-government (in education)

Student songs see College songs Student volunteer movement

Students

See also Colleges and universities; Education; Student life; Student volunteer movement; Students' periodicals Students' periodicals

See also Amateur journalism

Refer from Cities; Cleaning; Hygiene, Public; Municipal engineering; Refuse and refuse disposal; Roads; Sanitary engineering; Streets; Sweeping

Refer from Advertising; Cities; Cries (s): Peddlers and peddling

Refer from Electric railroads; Horse railroads (s); Public service corporations; Railroads; Rapid transit; Roads; Street cars (s); Tramways (s); Transportation

Refer from Cities; Civil engineering; Highways (s); Municipal engineering; Municipal improvement; Pavements; Roads; Thoroughfares (s)

Refer from Architecture; Building; Building materials; Civil engineering; Columns; Elasticity; Engineering; Graphic statics; Masonry; Materials, Strength of (s); Mechanics; Metals; Resistance of materials (s); Steel construction; Strains and stresses; Testing (s); Timber; Trusses

Refer from Arbitration and conciliation, Industrial; Boycott; Economics; Labor and capital; Labor and laboring classes; Labor unions; Lockouts (s); Riots

Refer from Amusements; Cat's cradle (s); Games

Refer from Bow (music) (s); Bowed instruments (s); Guitar; Harp; Musical instruments; Orchestras; Violin; Violoncello

Refer from Building materials; Cement; Decoration and ornament; Mural painting and decoration; Plaster and plastering

Refer from College life (s); College students (s); Colleges and universities; Hazing; School life (s); Students

Refer from Colleges and universities; Missionaries; Missions; Missions, Foreign; Students

Refer from College students (s); Colleges and universities; Education; Literary men (s); Student life

Refer from Amateur journalism; College periodicals (s); Colleges and universities; Journalism; Periodicals; Students

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Study
See also Education; Research; Scholars; Scientific research; Self-culture; Seminary method; Study clubs; also subhead Study and teaching under various subjects

Study clubs

See also Literary societies

Stuttering see Stammering Style (in dress) see Costume; Fashion Style, Literary, see Rhetoric Subconsciousness

See also Faith cure; Hypnotism; Personality; Sleep

Sublime

See also Esthetics

Submarine boats

See also Submarine warfare; Torpedo boats

Submarine cables see Cables, Submarine Submarine mines see Mines, Submarine Submarine navigation see Submarine boats Submarine telegraph see Cables, Submarine Submarine warfare

See also Mines, Submarine; Submarine boats; Torpedo boats; Torpedoes Subsidies

See also Bounties

Subsoiling see Tillage Subterranean water see Water, Underground Suburban houses see Architecture, Domestic; Country houses Subways

See also Rapid transit; Tunnels

Success

See also Ambition; Business; Conduct of life; Fame; Leadership; Occupations; Opportunity; Popularity; Profession, Choice of; Thrift

Succession see Inheritance

Suffering

See also Affliction; Consolation; Pain

Suffrage

See also Ballot; Citizenship; Election laws; Elections; Naturalization; Negro suffrage; Representative government and representation; Woman suffrage

Suffragettes see Woman suffrage Sufiism see Sufism Sufism

See also Mohammedanism

See also Beets and beet sugar; Chemistry, Technical; Confectionery; Glucose; Molasses; Sorghum; Stereochemistry; Syrups

Refer from Education; School children; Self-culture; Teaching

Refer from Clubs; Courses of study (s); Literary societies; Self-culture; Study; Women's clubs

Refer from Consciousness; Habit; Hypnotism; Mind and body; Psychical research; Psychology; Sleep; Suggestion

Refer from Esthetics

Refer from Boats and boating; Naval art and science; Navigation; Shipbuilding; Ships; Submarine navigation (s); Submarine warfare; Torpedo boats; Warships

Refer from Naval art and science; Submarine

Refer from Bounties; Commerce; Ship subsidies (s); Shipping; Shipping subsidies (s); Transportation

Refer from Civil engineering; Engineering; Railroads; Railroads, Underground (s); Rapid transit; Street railroads; Tunnels; Under-

ground roads (s)

Refer from Business; Commerce; Conduct
of life; Ethics; Fortune (s); Luck (s); Opportunity; Self-help (s); Self-made men (s); Wealth; Young men

Refer from Pain

Refer from Ballot; Constitutional law; Democracy; Disfranchisement (s); Election laws; Elections; Elective franchise (s); Franchise (s); Government; Politics; Representative government and representation; Universal suffrage (s); Voting (s)

Refer from Mohammedanism; Mysticism; Sufiism (s)

Refer from Agricultural products; Agriculture — Tropics; Beets and beet sugar; Chemistry, Technical; Food; Sorghum

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Sugar beet see Beets and beet sugar Suggestion

See also Animal magnetism; Hypnotism; Mental healing; Mental hygiene; New thought; Subconsciousness; Suggestive therapeutics; Thought transference

Suggestive therapeutics

See also Christian science; Emmanuel movement; Faith cure; Hypnotism; Mental

healing Suicide

Suits at law see Actions at law Sullivan's expedition, 1779 See also U. S.— History — Revolution

Sulphur

See also Geology, Economic; Sulphur springs

Sulphur springs

See also Mineral waters

Summer

See also Seasons

Summer cottages see Cottages; also Architecture, Domestic; Country houses

Summer resorts

See also Health resorts

Summer schools

See also Teachers' institutes; Vacation schools

Sumptuary laws

Sun

See also Astronomy; Astrophysics; Eclipses; Parallax; Solar motors; Solar system; Spectra; Spectrum analysis; Sun spots

Sun dance

See also Indians - Dances

Sun-dials see Sundials

Sun spots

Sun worship

See also Sun dance

Sunday

See also Church attendance

Sunday school entertainments

See also Christmas entertainments; Church entertainments

Sunday school lessons

See also Bible — Question books; Bible — Study and teaching

Sunday school libraries

Sunday schools

See also Bible — Study and teaching; Religious education; Sunday school entertainments; Sunday school lessons; Sunday school libraries

Sundials

Sunstroke see Heatstroke

Refer from Animal magnetism; Autosuggestion (s); Hypnotism; Mental suggestion (s); Mind and body; Psychical research; Psychology

Refer from Faith cure; Hypnotism; Mental healing; Psychotherapy (s); Suggestion; Therapeutics

Refer from Crime and criminals; Death; Ethics; Insanity; Medical jurisprudence; Mental diseases; Murder

Refer from Iroquois Indians; U. S.— History — Revolution — Campaigns and battles

Refer from Chemical elements; Geology, Economic; Mines and mineral resources

Refer from Mineral waters; Springs; Sulphur

Refer from Seasons

Refer from Health resorts; Resorts (s); Vacations; Watering places (s)

Refer from Education; Schools; Vacation schools

Refer from Clothing; Economics; Extravagance; Law; Luxury

Refer from Astronomy; Astrophysics; Eclipses; Heat; Light; Solar heat (s); Solar physics (s); Solar system

Refer from Indians - Dances; Sun worship

Refer from Meteorology; Sun

Refer from Nature worship; Worship

Refer from Church work; Church polity; Ethics; Fasts and feasts; Religion; Sabbath (s); Theology

Refer from Church entertainments; Entertainments; Sunday schools

Refer from Bible — Study and teaching; Sunday schools

Refer from Children's literature; Libraries; Libraries, Sunday school (s); Sunday schools

Refer from Bible — Study and teaching; Bible classes (s); Children; Church work; Education; Religious education; Schools

Refer from Archaeology; Dialing (s); Dials (s); Gnomonics (s); Sun-dials (s); Timekeepers

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Superintendents, School, see School superintendents and principals

Supernatural

See also Apparitions; Inspiration; Miracles; Psychical research; Religion; Spiritualism; Superstition; Theology

Superstition

See also Alchemy; Amulets; Apparitions; Astrology; Charms; Demonology; Devil; Divination; Dreams; Evil eye; Fairies; Fetishism; Folklore; Fortune telling; Ghosts; Halloween; Legends; Magic; Mythology; Occult sciences; Omens; Oracles; Palmistry; Relics; Religions; Second sight; Spiritualism; Supernatural; Totems and totemism; Vampires; Voodooism; Weather lore; Werwolves; Witchcraft

Supply and demand

See also Competition; Consumption (economics); Economics; Exchange; Prices; Value

Suppuration

See also Abscess; Inflammation; Ulcers

Supremacy of the pope see Popes — Authority and supremacy
Sureties see Guaranties and sureties

Sureties see Guaranties and sureties Surfaces

Surgeons see Physicians and surgeons

Surgery

See also Accidents; Amputation; Anatomy; Anesthetics; Antiseptics; Appendicitis; Autopsy; Bandages and bandaging; Bloodletting; Bones; Deformities; Dentistry; Diagnosis; Dislocations; Dissection; First aid in illness and injury; Fractures; Medicine; Physicians and surgeons; Skin grafting; Surgery, Military; Surgery, Naval; Surgical instruments; Trephining; Tumors; Vivisection; Wounds

-Military
See also Ambulances; Battlefield relief;
First aid in illness and injury; Surgery,
Naval; Wounds

-Naval

See also Wounds

Surgical instruments

Surnames see Names, Personal Surrogate law see Probate law and practice

Surveying

Sce also Altitudes; Civil engineering; Engineering; Geodesy; Geography, Mathematical; Hydrography; Logarithms; Mine surveying; Photographic surveying; Railroad engineering; Surveying instruments; Topographical drawing; Traverse tables; Trigonometry

Surveying instruments

See also Barometer; Compass; Micrometer; Planimeter; Sextant; Transit (instrument)

Refer from Miracles; Philosophy; Religion; Superstition

Refer from Delusions (s); Demonology; Divination; Errors, Popular; Evil eye; Folklore; Ghosts; Idolatry; Mythology; Religion; Supernatural; Witchcraft

Refer from Competition; Consumption (economics); Demand and supply (s); Economics; Exchange; Law of supply and demand (s); Prices; Tariff question; Value

Refer from Abscess; Inflammation; Pathology; Pus (s); Ulcers

Refer from Curved surfaces (s); Geometry; Geometry, Analytic

Refer from Accidents; Amputation; Anatomy; Bandages and bandaging; Dislocations; Fractures; Medicine; Medicine—Practice; Operations, Surgical (s); Wounds

Refer from Battlefield relief; Medicine, Military; Military hygiene; Military surgery (s); Surgery

Refer from Naval surgery (s); Surgery; Surgery, Military

Refer from Instruments; Surgery

Refer from Civil engineering; Engineering; Geodetic surveying (s); Geodesy; Geography; Geography, Mathematical; Land; Land surveying (s); Leveling (s); Logarithms; Mathematics; Mensuration; Railroad engineering; Railroads; Topographical surveying (s); Topography (s); Traverse tables; Triangulation (s); Trigonometry

Refer from Instruments; Mathematical instruments; Sextant; Surveying; Transit (instrument)

Surveys see Geological surveys; Soil surveys; also names of countries and states, subhead Surveys Survival of the fittest see Natural selection

Survivorship

Suspended animation

See also Burial, Premature; Drowning

Suspended railways

See also Cableways; Telpherage

Suspended sentence see Probation system Suspension bridges see Bridges Svastika see Swastika Swamps see Marshes Swastika

Swearing

See also Oaths

Sweating system

See also Child labor; Consumers' leagues; Home labor; Women — Employment

Swedenborgianism see New Jerusalem church Swedes in the U.S.

See also Scandinavians in the U.S.

Swedish language

See also Scandinavian languages

Swedish literature

See also Authors, Swedish; Scandinavian literature

Swedish movement cure

See also Gymnastics, Medical; Mechanotherapy

Sweeping

See also Brooms and brushes; Chimney sweeping; Street cleaning; Vacuum cleaning systems

Swimming

See also Aquatic sports; Baths and bathing; Diving

Swindlers and swindling

See also Antiques, Forged; Art forgeries; Fraud; Quacks and quackery

See also Feeding and feeding stuffs; Live stock; Ungulata; Veterinary medicine

Switchboards

Switches, Railroad, see Railroads - Switches Swords

See also Arms and armor; Fencing

Refer from Inheritance; Law; Medical jurisprudence

Refer from Animation, Suspended (s); Death, Apparent (s); Drowning; Medicine -Practice

Refer from Cableways; Electric railroads; Monorailways (s); Mountain railroads; Railroads; Railroads, Railroads, Suspended (s); Street railroads

Refer from Charms; Cross; Fylfot (s): Svastika (s); Symbolism

Refer from Ethics; Oaths; Profanity (s)

Refer from Child labor; Clothing; Consumers' leagues; Home labor; Hours of labor; Labor and laboring classes; Manufactures; Poor; Wages; Women — Employment

Refer from Scandinavians in the U. S.; U. S. — Foreign population

Refer from Germanic languages; Scandinavian languages

Refer from Authors, Swedish; Scandinavian literature

Refer from Gymnastics, Medical; Massage; Mechanotherapy; Movement cure (s); Thera-

Refer from Carpets; Cleaning; Floors; Home economics; House cleaning

Refer from Animal locomotion; Aquatic sports; Athletics; Baths and bathing; Diving; Drowning; Sports; Water

Refer from Crime and criminals; Delusions (s); Fraud; Humbug (s); Imposture; Quacks and quackery

Refer from Domestic animals; Hog (s); Hogs (s); Live stock; Pig (s); Pigs (s); Ungulata; Veterinary medicine

Refer from Dynamos; Electric apparatus and appliances; Electric lighting; Electric switch-boards (s); Electricity — Distribution; Telephone

Refer from Arms and armor; Broadsword (s); Fencing; Saber (s); Sabre (s); Weapons (s)

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Syllogisms see Logic Symbolics see Creeds Symbolism

See also Christian art and symbolism; Cross; Devices; Emblems; Scarabs; Swastika; Symbolism in literature Symbolism (theology) see Creeds

Symbolism in literature

Symmetry

See also Esthetics; Proportion (art)

Sympathy

See also Emotions: Friendship

**Symphonies** 

See also Orchestral music

Symptoms see Diagnosis Synods see Councils and synods Synonyms and antonyms

See also Synonyms and antonyms, English; also names of languages other than English -English

Synoptic Gospels see Bible - New Testament - Gospels

Syntax see Grammar

Syrups
See also Molasses

Table

See also Breakfasts; Carving (meat, etc.); Catering; Cookery; Dinners and dining; Eating; Food; Luncheons; Menus; Waiters Table-moving see Spiritualism

Table-talk

See also Anecdotes

Table tennis see Ping-pong Tableaux

See also Amateur theatricals

Tables, Interest, see Interest tables Tables, Mathematical, see Mathematics — Tables, etc.; Logarithms

**Tabulating machines** 

Tachygraphy see Shorthand Tactics

See also Artillery drill and tactics; Cavalry drill and tactics; Drill (military); Infantry drill and tactics; Military art and science; Military maneuvers; Naval tactics; War games

Taeping rebellion see Taiping rebellion Tailoring

See also Dressmaking; Tailors

**Tailors** Taiping rebellion

See also China — History

Taj Mahal

Refer from Art; Cross; Devices; Emblems; Religion

Refer from French literature; Idealism in literature; Literature; Symbolism

Refer from Esthetics; Proportion (art)

Refer from Compassion (s); Emotions; Ethics; Friendship

Refer from Instrumental music; Music; Music - Scores; Orchestral music

Refer from Antonyms (s); Language; Words

Refer from Dictionaries, English; English language; English language — Synonyms (s); English synonyms (s); Synonyms and antonvms

Refer from Sirups (s); Sugar

Refer from Catering; Cookery; Dinners and dining; Eating; Food; Home economics; Meals (s); Menus

Refer from Anecdotes; Aphorisms (s); Apothegms (s); Biography; Conversation; Epigrams; Humor; Sayings (s); Talking (s)

Refer from Amateur theatricals; Amusements; Drama; Entertainments

Refer from Calculating machines; Census; Machinery; Statistics

Refer from Artillery drill and tactics; Cavalry drill and tactics; Drill (military); Infantry drill and tactics; Military art and science; Military maneuvers; Military tactics (s)

Refer from Clothing; Cutting (s); Dress-making; Fashion; Garment cutting; Needlework

Refer from Biography; Tailoring

Refer from China - History; Taeping rebellion (s) Refer from Architecture, Oriental; Tombs



Takigraphy see Shorthand Talent

See also Ability; Genius
Talismans see Amulets; Charms
Talking see Conversation; Table-talk
Talking machines see Phonograph
Tall buildings see High buildings
Talmud

Tambourine drill see Drills and marches Tamil language and literature

See also Dravidian languages; Oriental literature

Tammany Hall

See also New York (city) — Government and politics

Tamul language and literature see Tamil language and literature

Tanning

See also Hides and skins; Leather

Taoism

See also China — Religion; Philosophy, Chinese

Taouism see Taoism

Tapestry

See also Bayeux tapestry; Drapery; Gobelin tapestry

Target practice

See also Gunnery; Rifle practice

Tariff

See also Balance of trade; Commerce; Commercial treaties; Corn laws; Drawbacks; Economics; Reciprocity; Smuggling; Tariff question; Taxation; Warehouses

----U. S.

See also U. S. -- Revenue

Tariff question

See also Balance of trade; Economics; Reciprocity; Supply and demand

---Free Trade
----Protection
Tartans

See also Clans

Tartars

See also China — History; Manchuria; Mongols

Taste (esthetics) see Esthetics
Taste (sense)

See also Senses and sensation

Refer from Ability; Genius; Intellect

Refer from Bible — Old Testament; Hebrew literature; Jewish literature; Jews — Religion; Sacred books

Refer from Dravidian languages; Oriental languages; Oriental literature; Tamul language and literature (s)

Refer from Democratic party; New York (city) — Government and politics

Refer from Hides and skins; Industrial arts; Leather

Refer from China — Religion; Confucianism; Philosophy; Philosophy, Chinese; Religions; Taouism (s)

Refer from Arts and crafts; Decoration and ornament; Drapery; House decoration; Mural painting and decoration; Needlework; Textile design; Textile industry and fabrics; Wall paper

Refer from Artillery drill and tactics; Firearms; Gunnery; Infantry drill and tactics; Military art and science; Naval art and science; Rifle practice; Shooting

Refer from Balance of trade; Commerce; Commercial treaties; Customs (s); Duties (s); Economics; Exportation (s); Exports (s); Finance; Imports (s); Revenue (s); Taxation; Trade (s)

Refer from Taxation — U. S.; U. S. — Commerce; U. S. — Economic conditions; U. S. — Finance; U. S. — Politics; U. S. — Revenue; U. S. — Tariff (s)

Refer from Balance of trade; Campaign literature; Commerce; Economics; Free trade (s); Protection (s); Reciprocity; Tariff; U. S. — Politics

Refer from Clans; Costume — Scotland; Highlands of Scotland; Plaids (s); Scotch plaids (s)

Refer from China — History; Manchuria; Mongols; Tatars (s)

Refer from Senses and sensation

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Tatars see Tartars

Tattooing

Taverns see Hotels; Inns

See also Absenteeism; Appraising; Corporations — Taxation; Danegeld; Economics; Finance; Income tax; Inheritance and transfer tax; Internal revenue laws; Municipal finance; Poll tax; Railroads - Taxation; Scutage; Single tax; Stamp duties; Tariff; Taxation, Progressive; Tithes; To-bacco — Taxation; Unearned increment

-Exemption from See also Church property

Progressive .

See also Income tax; Inheritance and , transfer tax

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See also Boston tea party, 1773; Tariff - U. S.; U. S. - Revenue

## **Taxidermy**

See also Beverages; Boston tea party, 1773

See also Education; Educational associations; Educators; Normal schools; School superintendents and principals; Teachers' institutes; Teaching

-Certificates, see Teachers — Examinations

and certificates

-Examinations and certificates

-Pensions, see Teachers - Salaries, pensions, etc.

Salaries, pensions, etc.

-Training

See also Normal schools; Teachers' institutes

Teachers' certificates see Teachers - Examinations and certificates

Teachers' examinations see Teachers - Examinations and certificates

Teachers' institutes

See also Teachers - Training

Teachers' pensions see Teachers - Salaries, pensions, etc.

Teachers' salaries see Teachers — Salaries, pensions, etc.

Teaching

See also Busy work; Child study; Corporal punishment; Curriculum; Education; ExRefer from Ethnology; Manners and customs

Refer from Appraising; Assessment (s); Direct taxation (s); Economics; Finance; Government; Income tax; Inheritance and transfer tax; Internal revenue (s); Land; Land tenure; Personal property; Property; Real estate; Revenue (s); Tariff

Refer from Church and state; Church finance; Church property; Colleges and universities; Exemption from taxation (s); Libraries; Private schools

Refer from Graduated taxation (s); Income tax: Inheritance and transfer tax: Progressive taxation (s); Proportional taxation (s); Taxa-

Refer from U. S. - Economic conditions; U. S. - Finance; U. S. - Revenue; U. S. -Taxation (s)

Refer from Animals; Birds; Natural history; Zoology

Refer from Agricultural products; Agriculture — Tropics; Beverages; Stimulants

Refer from Biography; Education; Educators; Public schools; Schoolmasters (s); Teaching

Refer from Certificates, Teachers' Examinations; Teachers — Certificates Teachers' certificates (s); Teachers' examina. tions (s)

Refer from Civil service pensions; Pensions; Salaries; Teachers — Pensions (s); Teachers' pensions (s); Teachers' salaries (s)

Refer from Normal schools; Teachers' institutes; Teaching

Refer from Institutes, Teachers' (s); Summer schools; Teachers; Teachers — Training; Teaching

Refer from Didactics (s); Education; Instruction (s); Pedagogy (s); Professions;



Teaching - Continued

aminations; Kindergarten; Memory; Nature study; Object teaching; Psychology, Educational; Quincy system; School grading and promotions; School management; Seminary method; Story-telling; Study; Teachers; Teachers — Training; Teachers' institutes; also subhead Study and teaching under various subjects

-Departmental system

Technical chemistry see Chemistry, Technical Technical dictionaries

#### Technical education

See also Apprentices; Correspondence schools and courses; Foremen's schools; Forestry schools and education; Industrial education; Manual training; Mechanics' institutes; Mining schools and education; Professional education; Trade schools; Vocational education; also subhead Study and teaching under various subjects, e.g. Engineering - Study and teaching

Technology

See also Chemistry, Technical; Engineering; Industrial arts, and references under that subject; Manufactures; Metallurgy; Photography; Technical dictionaries; Technical education

Teeth

See also Dentistry

Teetotalism see Temperance Telautograph Telegraph

See also Cables, Submarine; Electric wire and wiring; Poles; Postal telegraph; Telauto-graph; Telegraph codes; Telephotography; Train despatching; Wireless telegraphy

—Postal, see Postal telegraph

Submarine, see Cables, Submarine Wireless, see Wireless telegraphy

Telegraph codes

Telegraph poles see Poles Telegraphic codes see Telegraph codes Telegraphy see Telegraph Teleology

See also Creation; Evolution; God; Metaphysics; Natural religion

Telepathy see Mind reading; Thought transference Telephone

See also Electric wire and wiring; Microphone; Poles; Switchboards; Telephonograph

-Wireless Telephone poles see Poles Telephonograph Telephony see Telephone

Public schools; School management; School teaching (s); Teachers; Training

Refer from Departmental system of teaching (s)

Refer from Dictionaries; Industrial arts; Technology

Refer from Education; Education, Higher (s); Education, Technical (s); Higher education (s); Industrial arts; Industrial education; Manual training; Polytechnic schools (s); Professional education; Science — Study and teaching; Technology; Vocational education

Refer from Applied science (s); Industrial arts; Manufactures; Science

Refer from Anatomy; Beauty, Personal; Dentistry; Digestive system; Mouth; Odontology (s)

Refer from Electric engineering; Telegraph

Refer from Ciphers; Communication; Electric engineering; Electric telegraph (8); Electricity; Public service corporations; Signals; Telegraphy (s)

Refer from Cable codes (s); Cipher codes (s); Ciphers; Codes, Telegraphic (s); Commerce; Communication; Telegraph; Telegraphic codes (s)

Refer from Causation; Creation; Design, Argument for (s); Evolution; Final cause (s); God; Metaphysics; Philosophy; Theology; Universe

Refer from Communication; Electric engineering; Electricity; Public service corporations; Sound; Telephony (s) Refer from Wireless telephony (8)

Refer from Phonograph; Telephone

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Telephotography Telescope

See also Astronomical instruments

Telpherage

See also Cableways; Conveying machinery

**Temperament** 

See also Character; Melancholy; Nervous

Temperance

See also Alcohol; Alcohol — Physiological effects; Alcoholism; Beverages; Canteens (army); Drinking customs; Liquor laws; Liquor problem; Liquor traffic; Liquors, and names of liquors; Local option; Narcotic habit; Opium; Prohibition; Smoking; Stimulants; Tobacco

Temperature

See also Animal heat; Boiling points; Climate; Cold; Earth — Temperature; Heat; Melting points; Meteorology; Plants, Effect of temperature on

Templars

See also Chivalry. For the modern order see Freemasons — Templars

**Temples** 

See also Architecture, Oriental; Church architecture; Mosques

Temporal power of the pope see Popes — Temporal power

Temptation

See also Evil; Fall of man; Jesus Christ — Temptation; Sin Ten commandments see Commandments Ten-hour day see Hours of labor Ten pins see Bowling Ten tribes of Israel see Jews — Lost tribes Tenants see Landlord and tenant Tenement houses

See also Apartment houses; Architecture, Domestic; Housing problem; Lodging houses; Poor; Slums

Tennis

See also Ping-pong; Rackets (game) Tenpins see Bowling Tents

See also Camping

Tenure of land see Land tenure
Tenure of office see Civil service
Teratology see Deformities; Monsters
Terminology see Names; also under subject,
e.g. Botany — Nomenclature; Medicine —
Nomenclature; Zoology — Nomenclature
Terra cotta

See also Pottery; Tiles

Terrariums see Vivariums

Refer from Photography; Telegraph

Refer from Astronomical instruments; Optical instruments; Reflecting telescope (s)

Refer from Cableways; Conveying machinery; Electricity; Suspended railways; Transportation

Refer from Character; Nervous system; Pathology; Psychology

Refer from Abstinence (s); Alcohol; Alcoholism; Beverages; Conduct of life; Drinking customs; Drunkenness (s); Ethics; Food; Hygiene; Inebriates (s); Intemperance (s); Intoxication (s); Liquor problem; Liquor traffic; Liquors; Prohibition; Saloons (s); Sociology; Stimulants; Teetotalism (s); Total abstinence (s); Wine

Refer from Climate; Cold; Heat; Meteorology

Refer from Chivalry; Freemasons — Templars; Knights and knighthood; Knights templars (military order) (s); Order of the temple (s); Religious orders; Secret societies

Refer from Archaeology; Architecture; Architecture, Ancient; Architecture, Greek; Architecture, Oriental; Church architecture; Religious architecture (s)

Refer from Ethics; Evil; Sin; Theology

Refer from Apartment houses; Architecture, Domestic; Building laws; Housing problem; Hygiene, Public; Landlord and tenant; Municipal improvement; Poor; Slums

- Refer from Games; Lawn tennis (s)

Refer from Camping; Military art and science

Refer from Building materials; Decoration and ornament; Pottery

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Terrestrial magnetism see Magnetism, Terrestrial
Territories (U. S.) see U. S. — Territories
Terror, Reign of, see French revolution
Tertiary period see Geology, Stratigraphic —
Tertiary; Paleontology — Tertiary
Testimony see Evidence
Testing see Strength of materials; also subject tested, e.g. Boilers — Testing; Electric testing

Tetanus

See also Antitoxins

Teutonic knights

See also Prussia - History

Teutonic languages see Germanic languages Teutonic mythology see Mythology, Germanic Teutonic order see Teutonic knights Teutonic race

See also Anglo-Saxons; Aryans; Franks; Goths; Vandals Teutons see Teutonic race Text-books see Textbooks Textbooks

See also Primers; Readers; Spellers

Textile design
See also Tapestry

Textile fabrics see Textile industry and fabrics
Textile factories

See also Looms; Textile industry and

Textile fibers see Fibers
Textile industry and fabrics

See also Blankets; Bleaching; Calico printing; Carpets; Chemistry, Technical; Clothing; Cotton; Cotton—Cultivation and manufacture; Dry goods; Dyes and dyeing; Embroidery; Fibers; Flax; Hosiery; Khaki; Linen; Mercerization; Rugs; Shawls; Silk; Spinning; Tapestry; Textile design; Textile factories; Underwear; Waterproofing; Weaving; Wool; Woolen manufacture; Worsted; Yarn

Thalassography , see Hydrography; Marine biology; Ocean

Thanksgiving day

Theater

See also Acting; Actors; Amateur theatricals; Ballet; Drama; Make-up, Theatrical; Masques (plays); Minstrel shows; Miracle, morality and mystery plays; Moving pictures; Opera; Pantomime; Passion plays; Puppet plays; Scene painting; Shakespeare, William — Stage presentation; Theaters; Vaudeville

Refer from Lockjaw (s); Medicine — Practice; Trismus (s)

Refer from Chivalry; Knights and knighthood; Knights of the cross (s); Middle ages — History; Order of Teutonic knights (s); Poland — History; Prussia — History; Religious orders; Teutonic order (s)

Refer from Anglo-Saxons; Aryans; Civilization; Germanic race (s); Teutons (s)

Refer from Books; Education; School books (s); Text-books (s)

Refer from Calico printing; Decoration and ornament; Design, Decorative; Textile industry and fabrics

Refer from Cotton — Cultivation and manufacture; Cotton mills (s); Factories; Mills and millwork; Textile industry and fabrics; Woolen manufacture; Woolen mills (s)

Refer from Chemistry, Technical; Cloth (s); Clothing; Cotton; Cotton — Cultivation and manufacture; Dry goods; Fibers; Industrial arts; Linen; Manufactures; Silk; Spinning; Textile fabrics (s); Textile factories; Weaving; Wool; Woolen manufacture; Worsted; Yarn

Refer from Fasts and feasts; Holidays; New England — Social life and customs; Pilgrim fathers; Puritans; U. S. — Social life and customs

Refer from Acting; Actors; Amusements; Drama; Entertainments; Ethics; Histrionics (s); Stage (s); Theatre (s); Vaudeville

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Theater — Continued — U. S.

See also American drama; Dramatists,

Theater buildings see Theaters Theater fires see Fires; Theaters

Theaters [buildings]

See also Music halls; also names of cities,

subhead Theaters Theatre see Theater

Theatrical make-up see Make-up, Theatrical Theatricals, Amateur, see Amateur theatricals Theft see Larceny; also Embezzlement Theism

See also Atheism; Christianity; Deism; God; Natural religion; Theology

Theme-writing see Rhetoric

Theocracy

Theodicy see God

Theological education see Theological schools; Theology — Study and teaching

Theological schools

See also Theology - Study and teaching

Theology [including the Christian doctrines.

For history of religion see Religions.

For Christian evidences see Christianity

— Evidences]

See also Absolute, The; Agnosticism; Angels; Annihilation; Antichrist; Antinomianism; Apostles; Apostolic canons; Apostolic constitutions; Apostolic succession; Arminianism; Atonement; Authority (in religion); Baptism; Belief; Bible; Calvinism; Catechisms; Celibacy; Christianity; Church; Church history; Church polity; Clergy; Confession; Confirmation; Conscience; Conversion; Creation; Creeds; Cross; Death; Deism; Depravity; Devil; Eschatology; Ethics; Evil; Faith; Fall of man; Fanaticism; Fathers of the church; Free religion; Freedom of the will; Future life; Future punishment; God; Grace (theology); Heaven; Hell; Heresy; Holy Spirit; Incarnation; Infallibility; Inspiration; Jesus Christ; Judgment day; Justification; Kingdom of God; Liberalism; Liberty of conscience; Lord's supper; Manicheism; Mass; Materialism; Millennium; Miracles; Modernism; Monotheism; Mysticism; Natural religion; Orthodoxy; Pantheism; Pelagianism; Penance; Philosophy; Plurality of worlds; Prayer; Predestination; Private judgment; Prophecies; Protestantism; Providence; Purgatory; Quietism; Rationalism; Regeneration (theology); Religion; Religion and science; Repentance; Resurrection; Revelation; Sanctification; Second advent; Sects; Sermons; Sin; Skepticism; Socinianism; Soul; Spiritualism; Sunday; Teleology; Temptation; Theism; Theological schools; Transcendentalism; Transubstantiation; Trinity; Worship; also names of sects, and headings beginning Christian

Refer from American drama; U. S. — Theater (s)

Refer from Architecture; Opera houses (s); Theater; Theater buildings (s); Theater fires (s)

Refer from Atheism; Christianity; Deism; God; Philosophy; Religion; Theology

Refer from God; Government

Refer from Divinity schools (s); Education; Theological education (s); Theology; Theology — Study and teaching

Refer from Bible; Bible — Theology (s); Biblical theology (s); Christian doctrine (s); Christianity; Church history; Creation; Divinity (s); Doctrinal theology (s); Doctrines (s): Dogmatic theology (s); Faith; God; Naturareligion; Philosophy; Religion; Revelation; Science; Sociology; Supernatural; Theism

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Theology — Continued

-Natural, see Natural religion

-Pastoral, see Clergy; Pastoral work -Practical, see Christian life and character

Study and teaching See also Religious education; Theological schools

Theory of errors see Errors, Theory of Theory of groups see Groups, Theory of Theory of potential see Potential, Theory of Theosophy

See also Cabala; Neoplatonism; Vedanta; Yoga

Therapeutic gymnastics see Gymnastics, Medi-

**Therapeutics** 

See also Anesthetics; Antiseptics; Antitoxins; Baths and bathing; Bloodletting; Christian science; Climate; Cupping; Diet; Drugs, and names of drugs; Electrotherapeutics; Emmanuel movement; Exercise; Faith cure; First aid in illness and injury; Gold cure; Gymnastics, Medical; Home-opathy; Hydrotherapy; Inoculation; Mas-sage; Materia medica; Mechanotherapy; Medicine; Medicine — Practice; Mental healing; Mineral waters; Narcotics; Nurses Pathology; Pharmacy; Phototherapy; Poisons; Purgatives; Radiotherapy; Rest; Serum therapy; Stimulants; Suggestive therapeutics; Swedish movement cure;

Thermal springs see Geysers and hot springs Thermochemistry see Chemistry, Physical

Thermodynamics

See also Heat; Heat engines; Steam; Steam engines

Thermometer

See also Calorimeters and calorimetry; Meteorological instruments; Pyrometers and pyrometry

Thieves

See also Brigands and robbers; Burglary; Embezzlement; Larceny Thieving see Larceny

Thinking see Thought and thinking Thirty-nine articles see Church of England — Articles of religion

Thirty years' war, 1618-1648

See also Europe - History - 1492-1789; Germany - History - 1517-1740; Sweden – History

Thorough bass see Harmony

Thoroughfares see Roads; Streets

Thought and thinking

See also Attention; Intellect; Logic; Mental discipline; Philosophy; Psychology; Reason

Thought transference

See also Clairvoyance; Mind reading; Presentiments; Psychical research

Refer from Church and education: Professional education; Religious education; The-ological education (s); Theological schools

Refer from Buddhism; Buddhism, Esoteric (s); Esoteric Buddhism (s); Occult sciences; Philosophy; Religion; Religions; Vedanta

Refer from Healing (s); Høgiene; Materia medica; Medicine; Medicine—Practice; Pathology; Remedies (in medicine) (s)

Refer from Chemistry, Physical; Dynamics; Heat; Heat engines; Physics; Steam

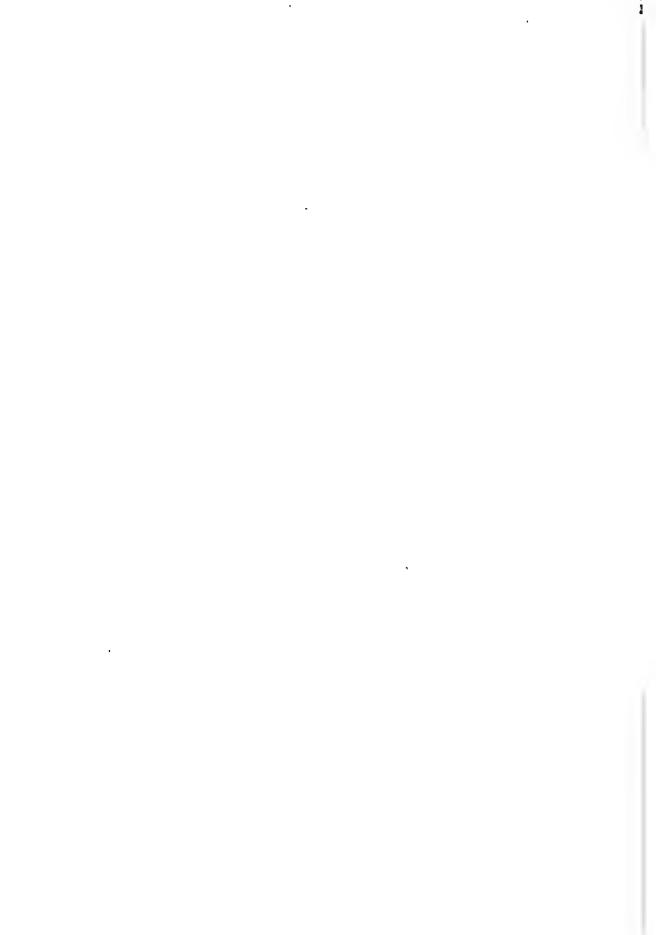
Refer from Heat; Meteorological instruments; Physics

Refer from Biography; Brigands and robbers; Crime and criminals; Larceny

Refer from Counter-reformation; Europe -History — 1492-1789; Germany — History -1517-1740; Reformation; Sweden — History

Refer from Intellect; Philosophy; Psychology; Psychology, Educational; Reason; Thinking (s)

Refer from Clairvoyance; Mind reading; Psychical research; Psychology; Suggestion; Telepathy (s)



Thremmatology see Breeding; Plant breeding Threshing **Thrift** 

See also Benefit societies; Cost of living; Extravagance; Insurance; Insurance, In-dustrial; Investments; Misers; Old age pensions; Prudence; Savings banks; Standard of living

Throat

See also Bronchitis: Voice

Throwing sticks

Thugs

Thunderstorms

See also Lightning; Storms

Tides

See also Astronomy: Moon: Ocean

Ties, Railroad, see Railroads - Ties Tigers

See also Carnivora Tiles

See also Bricks; Clay industries; Pottery

Tillage

See also Agricultural physics; Agriculture; Dry farming; Plows; Soils

Timber

See also Building materials; Dry rot; Forests and forestry; Lumber and lumbering; Strength of materials; Trees; Wood—Preservation, see Wood—Preservation

Time

See also Almanacs; Astronomy; Astronomy, Spherical and practical; Calendar; Chronograph; Chronology; Daylight saving; Days; Eternity; Timekeepers

Time, Reaction, see Reaction time **Timekeepers** 

See also Clocks and watches; Pendulums; Sundials

Tin

See also Bronze; Metals; Pewter; Tinsmithing

Tinsmithing

See also Sheet-metal work

Tintype see Ferrotype Tipping

Tires

See also Automobiles; Wheels

Tissues see Histology **Tithes** 

See also Church finance; Church rates

Title-pages

See also Colophons; Titles of books

Refer from Agriculture; Grain

Refer from Conduct of life; Cost of living; Economics; Economy (s); Extravagance; Investments; Poor; Prudence; Saving (s); Savings banks; Standard of living; Success

Refer from Anatomy; Bronchitis; Respiratory organs; Sore throat (s); Voice

Refer from Arms and armor; Atlatl (s);

Spear throwers (s)

Refer from Brigands and robbers; Crime and criminals; Crime and criminals - India; Murder; Phansigars (s)

Refer from Lightning; Meteorology; Storms

Refer from Astronomy; Hydrography; Moon; Ocean; Physical geography

Refer from Carnivora; Hunting

Refer from Bricks; Building materials; Clay industries; Pottery; Terra cotta

Refer from Agricultural physics; Agriculture; Cultivating (s); Dry farming; Harrowing (s); Plowing (s); Soils; Subsoiling (s)

Refer from Building materials; Forest products; Forests and forestry; Lumber and lumbering; Trees; Wood

Refer from Astronomy; Astronomy, Spherical and practical; Calendar; Chronology; Metaphysics; Philosophy; Standard time (s)

Refer from Clocks and watches; Horology (s); Machinery; Manufactures; Time

Refer from Metals; Mines and mineral resources; Sheet-metal work

Refer from Industrial arts; Sheet-metal work; Tin

Refer from Manners and customs; Servants; Travel; Waiters

Refer from Automobiles; Bicycles and tricycles; Pneumatic tires (s); Rubber tires (s); Wheels

Refer from Church finance; Church law; Church of England - Finance; Church polity; Church rates; Taxation

Refer from Books; Colophons; Printing; Titles of books

Titles (land) see Land titles Titles of books

See also Copyright; Title-pages

Titles of honor and nobility

See also Decorations of honor; Degrees, Academic; Heraldry; Peerage Titration see Chemistry - Analysis Toads

See also Amphibia; Frogs Toadstools see Mushrooms Toasts

See also After-dinner speeches

See also Cigarettes; Cigars; Pipes, Tobacco; Smoking; Snuff

-Cultivation

—Diseases and pests

—Manufacture and trade

See also Tobacco - Taxation

Pests, see Tobacco — Diseases and pests -Physiological effects

See also Smoking

Taxation

–Trade, see Tobacco — Manufacture and trade

Tobacco pipes see Pipes, Tobacco

Tobogganing

See also Coasting; Winter sports

Toes see Foot Toilet

See also Baths and bathing; Beauty, Personal; Cosmetics; Costume; Hairdressing; Manicuring; Perfumery
Toleration see Liberty of conscience; Religious

liberty

Toltecs

See also Aztecs; Indians of Mexico; Mexico - Antiquities

Tombs

See also Brasses; Burial; Catacombs; Cemeteries; Cromlechs; Crypts; Epitaphs; Holy sepulcher; Monuments; Mounds and mound builders; Sarcophagi; Taj Mahal; Tombstones; Vaults

**Tombstones** 

See also Epitaphs; Monuments

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#### Tool steel Tools

See also Bone implements; Carpentry; Farm implements and machinery; Files and rasps; Implements, utensils, etc.; Indians — Implements and weapons; Machine tools; Machinery; Saws; Square (instrument); Stone implements; Tool steel

Topiary work

Refer from Bibliography; Book titles (s); Books; Cataloging; Copyright; Title-pages

Refer from Decorations of honor; Heraldry; Honorary titles (s); Peerage

Refer from Amphibia; Frogs

Refer from After-dinner speeches; Dinners and dining; Drinking customs; Epigrams; Healths, Drinking of (s); Manners and customs

Refer from Agricultural products; Agriculture — Tropics; Cigars; Narcotics; Pipes, Tobacco; Smoking; Temperance

Refer from Agricultural pests; Plants — Diseases; Tobacco — Pests (s)

from Refer Manufactures; Tobacco -Trade (s)

Refer from Hygiene; Smoking Refer from Taxation; Tobacco — Manufacture and trade

Refer from Coasting; Sports; Winter sports

Refer from Beauty, Personal; Clothing; Cosmetics; Costume; Hairdressing

Refer from Aztecs; Indians of Mexico; Mexico – Antiquities

Refer from Archaeology; Architecture; Burial; Cemeteries; Christian antiquities; Crypts; Graves (s); Mausoleums (s); Monuments; Rock tombs (s); Sepulchers (s); Vaults

Refer from Epitaphs; Gravestones (s); Headstones (s); Monuments; Tombs
Refer from Music - Notation; Sight reading; Singing and voice culture; Sol-la system (s)
Refer from Machine tools; Steel; Tools

Refer from Carpentry; Hardware; Implements, utensils, etc.; Industrial arts; Instruments; Machinery

Refer from Landscape gardening; Shrubs; Trees

# Topographical drawing See also Map drawing

Topographical surveying see Surveying Topography see Geography; Surveying; Topographical drawing Tops

Tories, American, see Loyalists, American Tories, English

See also England — History; England — Politics

Tornadoes

See also Cyclones; Storms

Torpedo boats

See also Submarine boats; Torpedoes

**Torpedoes** 

See also Mines, Submarine; Torpedo boats

Torrens system

See also Conveyancing

Torts

See also Damages; Libel and slander; Trespass

Torture

See also Inquisition; Punishment Total abstinence see Temperance Total depravity see Depravity; Sin Totems and totemism

See also Animal worship

Touch

See also Senses and sensation
Tournaments

See also Chivalry

Towers

See also Architecture; Round towers; Spires

Town meeting

See also Local government; Towns

Town officers

See also Constables; Police

Towns

See also Boroughs; Cities; Local government; Municipal corporations; Municipal government; Town meeting; Town officers; Villages

Townships see Towns

Toxicology see Poisons

Toxins

See also Antitoxins; Poisons; Ptomaines

Toys

See also Dolls; Electric toys; Tops Track, Railroad, see Railroads — Track Refer from Drawing; Geography, Mathematical; Map drawing; Surveying; Topographys

Refer from Toys

Refer from England — History; England — Politics; Political parties

Refer from Cyclones; Meteorology; Storms; Winds

Refer from Boats and boating; Naval art and science; Shipbuilding; Ships; Submarine boats; Submarine warfare; Torpedoes; Warships

Refer from Explosives; Military art and science; Mines, Submarine; Naval art and science; Submarine warfare; Torpedo boats

Refer from Conveyancing; Deeds; Land titles; Real estate

Refer from Injuries (s); Law; Libel and slander; Wrongs (s)

Refer from Inquisition; Punishment

Refer from Animal worship; Ethnology; Indians — Religion; Mythology; Nature worship; Religion; Rites and ceremonies; Superstition; Tribes and tribal system; Worship

Refer from Feeling (s); Senses and sensation

Refer from Chivalry; Festivals; Fighting (s); Sports

Refer from Architecture; Church architecture; Spires

Refer from Democracy; Government; Local government; Towns

Refer from Local government; Towns

Refer from Boroughs; Cities; Government; Local government; Municipal corporations; Town meeting; Townships (s); Villages

Refer from Pathology; Poison (s); Poisons; Ptomaines

Refer from Amusements; Games

V .... checks

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Track athletics

See also Athletics; College athletics; Running; Walking Tracking

Tract societies

See also Bible - Publication and distribution; Tracts Tractarianism see Oxford movement Traction engines

See also Tract societies Trade see Business; Commerce; Tariff Trade, Balance of, see Balance of trade Trade, Boards of, see Boards of trade Trade agreements

See also Arbitration and conciliation, Industrial

Trade-marks

See also Patents; Printers' marks

Trade schools

See also Industrial education

Trade unions see Labor unions Trade winds see Winds Trades see Industrial arts; Occupations Trades combination see Combination, Industrial; Labor unions Trades schools see Trade schools Trades waste see Refuse and refuse disposal; Waste products Trading companies

See also Commerce - History; Hudson Bay company Traditions see Folklore; Legends

Tragedy

See also Drama Trailing see Tracking Trails see Indian trails; also names of trails, e.g. Oregon trail, Salt Lake trail, Santa Fé trail Train despatching

Trained nurses see Nurses and nursing Training

See also Animals - Training; Athletics; Education; Gymnastics; Horse training; Physical education; Teaching

Tramps
See also Begging; Unemployed; Wayfaring life

Tramways see Street railroads Transcendentalism See also Brook Farm

Transcontinental journeys (U. S.) see Overland journeys to the Pacific Transfer tax see Inheritance and transfer tax Transfiguration of Jesus Christ see Jesus Christ - Transfiguration Transformers see Electric transformers

Refer from Athletics; College athletics; Field sports (s); Running; Sports
Refer from Game; Hunting; Scent (s); Scouts and scouting; Trailing (s)

Refer from Missions; Societies; Tracts

Refer from Engines; Farm motors; Locomotives; Road engines (s); Steam engines

Refer from Colportage (s); Literature; Tract societies

Refer from Arbitration and conciliation, Industrial; Collective bargaining (s); Contracts; Employers' associations; Labor unions

Refer from Commerce; Law; Manufactures; Partnership; Patents

Refer from Education; Industrial education; Manual training; Schools; Technical education; Trades schools (s); Vocational education

Refer from Commerce; Commerce - History

Refer from Drama

Refer from Railroads; Railroads - Management; Telegraph

Refer from Athletics; Exercise; Hygiene; Physical education; Sports

Refer from Begging; Crime and criminals; Poor; Unemployed; Vagabonds (s); Va-grancy (s); Wayfaring life

Refer from Idealism; Philosophy; Philosophy, American; Philosophy, German; Philosophy, Modern; Rationalism; Theology VE - white and willether the little

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Mary Commenced

Transit see Rapid transit; Transportation Transit (instrument)

See also Astronomical instruments; Surveying instruments

Transits

See also Astronomy; Planets; also names of planets

Translation Transliteration Transmigration

See also Preëxistence; Soul

Transmission (biology) see Heredity
Transmission of power see Electric power transmission; Power transmission
Transmutation of metals see Alchemy
Transmutation of species see Species; Variation (biology)

Transportation

See also Aeronautics; Animals — Transportation; Automobiles; Canals; Carriages; Carriers; Commerce; Communication; Demurrage; Electric railroads; Express companies; Ferries; Freight; Harbors; Inland navigation; Marketing of farm produce; Omnibuses; Pack transportation; Packing for shipment; Pneumatic tubes; Postal service; Railroads; Rapid transit; Roads; Shipping; Steam navigation; Steamboats; Street railroads; Subsidies; Telpherage;

Vehicles; Waterways
Transportation of animals see Animals —
Transportation

Transportation of criminals see Penal colonies Transubstantiation

See also Lord's supper; Mass

Trapping
See also Fur trade; Hunting; Poaching

Trappists

See also Cistercians
Traps (plumbing) see Plumbing
Travel [for books on the art of travel]

See also Baggage; Ocean travel; Passports; Pilgrimages; Tipping; Voyages and travels

See also Commercial travelers; Explorers;

Voyages and travels
Traveling libraries see Libraries, Traveling
Traveling salesmen see Commercial travelers
Travels see Voyages and travels; also names
of countries, subhead Description and travel
Travels around the world see Voyages and
travels around the world

Traverse tables
See also Navigation; Surveying

Treacle see Molasses
Treason
See also Allegiance

Treasure-trove

Refer from Astronomical instruments; Surveying instruments

Refer from Astronomy; Eclipses; Planets

Refer from Language; Literature; Rhetoric Refer from Alphabet; Language; Spelling

Refer from Animism; Future life; Metempsychosis (s); Preëxistence; Reincarnation (s); Soul

Refer from Carriers; Commerce; Commercial geography; Communication; Economics; Freight; Interstate commerce; Locomotion; Railroads; Shipping; Transit (s); Vehicles

Refer from Catholic church; Jesus Christ; Lord's supper; Mass; Real presence (s); Theology Refer from Fur trade; Game; Hunting; Sports

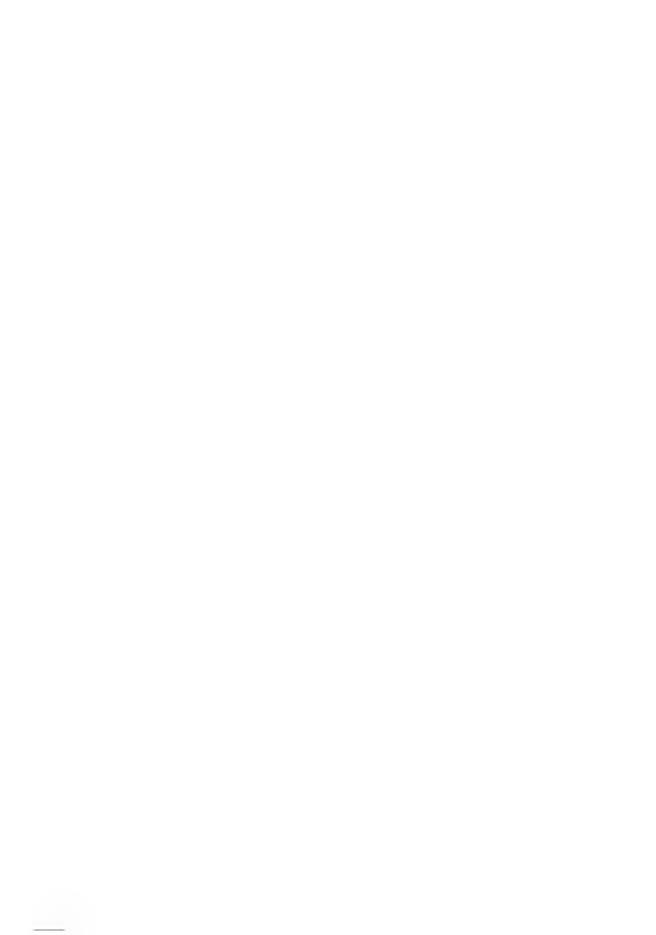
Refer from Cistercians; Monasticism

Refer from Locomotion; Ocean travel; Voyages and travels

Refer from Biography; Explorers; Voyagers (s); Voyages and travels

Refer from Latitude and longitude; Mathematics — Tables, etc.; Navigation; Surveying

Refer from Crime and criminals; High treason (s); Law; Murder; Political offenses Refer from Adventure; Buried treasure (s); Pirates



**Treaties** 

See also Arbitration, International; Commercial treaties; Diplomacy; Holy alliance; International law; International relations; Triple alliance, 1883-; also names of countries, subhead Treaties

Treatment of animals see Animals - Treatment

Tree planting

See also Arbor day; Forest planting

Tree worship

See also Animism

Trees

See also Arbor day; Bark; Botany; Ever-greens; Forest nurseries; Forest planting; Forests and forestry; Fruit; Grafting; Hedges; Landscape gardening; Leaves; Lumber and lumbering; Nuts; Pruning; Timber; Topiary work; Tree planting; Tree worship; also names of trees, e.g. Oaks

—Diseases and pests

See also Fruit - Diseases and pests; Gipsy moth; Insects, Injurious and beneficial; Plants — Diseases; Spraying –Fossíl

See also Petrified forests

—Historic

See also Preservation of landmarks, scenery, etc.

Trent affair, 1861

See also U. S. - History - Civil war -Foreign relations

Trepanning see Trephining Trephining

Trespass

See also Easements

Trestles

See also Bridges

Trial by combat see Wager of battle Trial by jury see Jury

Trials

See also Actions at law; Courts martial; Evidence; Expert evidence; Impeachment; Jury; Ordeals; Pleading and practice; Wit-

Triangulation see Geodesy; Surveying

Triassic period see Geology, Stratigraphic -Triassic; Paleontology - Triassic Tribal system see Tribes and tribal system

Tribes and tribal system

See also Clans; Consanguinity; Family; Patriarchy; Society, Primitive; Totems and Totemism; Village communities

Tricycles see Bicycles and tricycles Tricycling see Cycling

Trigonometry

See also Geodesy; Geometry; Logarithms; Mathematics; Mensuration; Navigation; Surveying

Refer from Diplomacy; Government; History; International law; International relations; Ministers of state

Refer from Arbor day; Arboriculture (s); Forest planting; Forests and forestry; Neighborhood improvement; Planting (s); Trees

Refer from Animism; Fetishism; Nature

worship; Trees; Worship

Refer from Agriculture; Arboriculture (s);
Bark; Botany; Dendrology (s); Evergreens; Forests and forestry; Landscape gardening; Leaves; Shrubs; Silviculture (s); Timber; Wood

Refer from Agricultural pests; Fruit — Diseases and pests; Insects, Injurious and beneficial; Plants - Diseases

Refer from Fossil plants; Fossil trees (s); Fossil wood (s); Petrified forests; Wood, Fossil (s)

Refer from Historic trees (s); History; Preservation of landmarks, scenery, etc.

Refer from Contraband of war; Neutrality; U. S .- History - Civil war - Foreign relations

Refer from Brain; Skull; Surgery; Trepanning (s)

Refer from Law; Property; Torts

Refer from Bridges; Railroads; Railroads -Construction

Refer from Actions at law; Courts; Crime and criminals; Criminal law; Jury; Law; Pleading and practice; State trials (s)

Refer from Anthropology; Civilization; Clans; Communism; Family; Government; Patriarchy; Society, Primitive; Tribal system (s); Village communities

Refer from Geometry; Logarithms; Mathematics; Spherical trigonometry (s); Surveying · certification in the contract of

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**Trilobites** 

See also Crustacea

Trinity

See also Arianism; Athanasian creed; God; Holy Spirit; Jesus Christ; Jesus Christ — Divinity; Socinianism; Unitarianism

Triple alliance, 1883-

See also Europe - History - 1789-

Trismus see Tetanus

Triumphal arches see Arches of triumph Troglodytes see Cave dwellers Trolley lines see Electric railroads Tropical agriculture see Agriculture — Tropics Tropical diseases see Tropics — Diseases and hygiene Tropical hygiene see Tropics - Diseases and hygiene Tropical medicine see Tropics - Diseases and hygiene

Tropical plants

Tropics

See also Acclimatization; Agriculture — Tropics; Tropical plants

-Diseases and hygiene

See also Acclimatization; Cholera, Asiatic; Medical geography; Sleeping sickness; Yellow fever

Trotting see Horse; Horse racing

Troubadours

See also Provençal literature; Trouvères

Trouble see Affliction; Misfortune Trout

See also Fish; Salmon

Trouvères

See also Fabliaux; Troubadours

See also School attendance; Truant schools

Truant schools

See also Parental schools

Truck farming see Market gardening Trumpet calls see Bugle calls

Trusses

See also Bridges; Building; Girders; Roofs; Strains and stresses; Strength of materials

Trust companies

See also Banks and banking; Trustees

Refer from Crustacea; Paleontology

Refer from Arianism; God; Holy Spirit; Humanitarianism (theology) (s); Jesus Christ; Jesus Christ — Divinity; Socinianism; Theology; Unitarianism

Refer from Alliance, Triple (s); Austria -Foreign relations; Austria - History; Europe — History — 1789-; Europe — Politics; Germany — Foreign relations; Germany — History — 1866-; International relations; Italy — Foreign relations; Italy - History - 1815-; Treaties

Refer from Botany; Plants; Tropics

Refer from Acclimatization; Earth; Geography; Physical geography

Refer from Hygiene; Hygiene, Tropical (s); Medical geography; Medicine — Practice; Medicine — Tropics (s); Tropical diseases (s); Tropical hygiene (s); Tropical medicine (s)

Refer from Bards; Courts of love; French bootry; Minstrels; Poetry; Poets; Provençal literature; Trouvères

Refer from Brook trout (s); Fish; Fishing: Salmon

Refer from Bards; French poetry; Minstrels; Poetry: Poets: Troubadours

Refer from Boys; Compulsory education; Juvenile delinquency; Public schools; School attendance; School children

Refer from Juvenile delinquency; Parental schools; Public schools; Schools; Truancy

Refer from Architecture; Bridges; Building; Girders; Roofs; Strains and stresses; Strength of materials

Refer from Banks and banking; Business; Clearing houses; Commerce; Commercial law; Corporations; Finance; Savings banks; Trustees

370

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Trustees

See also Administrators and executors; Assignments; Guardians; Mortmain; Probate law and practice; Trust companies \_.Trusts

See also Capital; Combination, Industrial; Competition; Corporation law; Corporations; Monopolies; Restraint of trade

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Truth

See also Axioms; Belief; Certainty; Honesty; Lying; Sincerity

See also Insects as carriers of contagion; Sleeping sickness

Tuberculosis

See also Lungs; Open-air schools; Respiratory organs — Diseases; Tuberculosis in animals

#### Tuberculosis in animals

Tubes

See also Pipe Tumbling see Acrobats Tumors

See also Cancer

Tumuli see Mounds and mound builders

Tuning

See also Tuning forks

Tuning forks Tunkards see German Baptist brethren Tunkers see German Baptist brethren Tunneling see Tunnels

Tunnels

See also Blasting; Civil engineering; Mines, Military; Mining engineering; Subways

Turbines

See also Hydraulic motors; Steam turbines; Water wheels

Turco-Russian war see Russo-Turkish war Turf, The, see Horse racing Turkeys

See also Poultry Turkish baths see Baths and bathing Turkish language

See also Ural-Altaic languages Turkish literature

See also Arabic literature Turko-Russian war see Russo-Turkish war Turning

See also Lathes; Woodwork

Turning (gymnastics) see Gymnastics Turnpikes see Roads Tuyeres see Blast furnaces; Cupola furnaces; Foundry work

Refer from Commercial law; Guardians; Inheritance; Law; Powers (law); Probate law and practice; Trust companies

Refer from Capital; Cartels (economics) (s); Combination, Industrial; Commerce; Commercial law; Competition; Corners, Commercial (s); Corporation law; Corporations; Economics; Finance; Government regulation of industry; Kartels (economics) (s); Monopolies; Restraint of trade

from Belief; Certainty; Ethics; Faith; Knowledge; Lying; Philosophy; Sincerity

Refer from Diptera; Flies; Insects as carriers of contagion; Sleeping sickness

Refer from Consumption (s); Lungs; Medicine — Practice; Phthisis (s); Respiratory organs - Diseases

Refer from Animals - Diseases; Cattle -Diseases; Tuberculosis; Veterinary medicine

Refer from Iron; Manufactures; Pipe; Steel

Refer from Carcinoma (s); Medicine -Practice; Pathology; Surgery

Refer from Musical instruments; Piano Refer from Musical instruments; Tuning

Refer from Civil engineering; Earthwork; Engineering; Excavation; Mining engineering; Railroads; Railroads—Construction; Subways; Tunneling (s)

Refer from Engines; Hydraulic engineering; Hydraulic machinery; Hydraulic motors; Motors; Water wheels; Wheels

Refer from Poultry

Refer from Ural-Altaic languages

Refer from Cabinet work; Carpentry; Industrial arts; Lathe work (s); Lathes; Woodwork

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Twentieth century

See also English literature - History and criticism - 20th century

**Twins** Type

See also Printing; Typesetting

**Typesetting** 

See also Printing; Typesetting machines

## Typesetting machines

**Typewriting** Typhoid fever

See also Typhus fever

Typhus fever

See also Typhoid fever

Typographical societies Typography see Printing

Tyranny

See also Despotism

Ulcers

See also Suppuration

Ultramontanism

See also Catholic church; Popes; Vatican council

Umbrellas

Unbelief see Skepticism

Unclaimed estates see Estates, Unclaimed

Unction

Underclothing see Underwear Underground railroad (slavery) See also Fugitive slaves

Underground roads see Subways Underground water see Water, Underground Underpinning see Shoring and underpinning Understanding see Intellect; Psychology Underwear

See also Garment cutting; Hosiery

# Unearned increment

Unemployed

See also Employment agencies; Farm colonies; Labor exchanges; Poor; Tramps; Vacant lot cultivation

Ungulata

See also Bison; Cattle; Deer; Goats; Horse; Mammals; Reindeer; Sheep; Swine Uniforms

See also Costume; Livery

Union, Christian, see Christian union Union shop see Open and closed shop Unions, Labor, see Labor unions Unitarianism

See also Arianism; Free religion; Jesus Christ — Divinity; Liberalism; Socinianism; Trinity

Refer from History, Modern; Progress

Refer from Children

Refer from Printing

Refer from Composition (printing) (s);

Printing; Type

Refer from Composing machines (s); Linotype (s); Machinery; Monotype (s); Printing; Typesetting

Refer from Business education; Writing

Refer from Contagion and contagious dis-eases; Enteric fever (s); Fever; Medicine — Practice; Typhus fever

Refer from Fever; Medicine — Practice; Ship fever (s); Typhoid fever Refer from Printers; Printing; Societies

Refer from Despotism; Government; Monarchy Refer from Suppuration

Refer from Catholic church

Refer from Costume

Refer from Anointing (s); Extreme unction (s); Sacraments

Refer from Fugitive slaves; Slavery in the

Refer from Clothing; Textile industry and fabrics; Underclothing (s)
Refer from Betterments (s); Economics;

Increment, Unearned (s); Land; Land tenure;

Real estate; Taxation

Refer from Economics; Labor and laboring classes; Labor exchanges; Panics; Poor; Social problems; Tramps

Refer from Bison; Cattle; Deer; Goats; Horse; Mammals; Reindeer; Sheep; Swine

Refer from Clothing; Costume; Costume, Military (s); Military costume (s); Military uniforms (s)

Refer from Arianism; Congregationalism; Humanitarianism (theology) (s); Jesus Christ — Divinity; Liberalism; Sects; Socinianism; Trinity

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Unitas fratrum see Moravians United brethren see Moravians United brethren in Christ Refer from Sects United empire loyalists see Loyalists, American United society of believers see Shakers United States -Administration, see U. S.— Government -Agriculture, see Agriculture - U. S. Refer from Physical geography - U. S. -Altitudes -Annexations See also Gadsden purchase; Louisiana purchase; U. S.— Insular possessions Refer from U. S. — Expansion (s); U. S. — Territorial expansion (s) **Antiquities** See also Indians - Antiquities; Mounds Refer from Indians - Antiquities; Mounds and mound builders and mound builders -Architecture, see Architecture, American -Archives See also U. S .- Government publica-Refer from U. S .- Government publications tions -Army See also Army life; Canteens (army); U. S.— History, Military; U. S.— Militia; U. S.— Navy. For volunteer regiments Refer from U. S. - Defenses; U. S. - History, Military; U. S. - Military history (s) see under names of states, e.g. New York artillery, New York cavalry, New York infantry; also United States volunteer cavalry, United States volunteer infantry, for volunteer regiments recruited at large -Artillery -Cavalry See also United States volunteer cavalry Infantry See also United States volunteer infantry Art, see Art, American -Asylums, see U. S. — Hospitals and asylums Atlases, see U. S. — Description and travel; Maps Banks, see Banks and banking - U. S. Bibliography See also American literature - Bibliography Biography See also Actors, American; Artists, American; Authors, American; Declara-tion of independence — Signers; Gover-Refer from U. S. - Genealogy nors; Hall of fame; Loyalists, American; Painters, American; Pilgrim fathers; Poets, American; Presidents — U. S.; Statesmen, American; U. S .- Genealogy; also names of wars, subhead Biography-Birds, see Birds — U. S. Botany, see Botany - U. S. Boundaries See also Northeast boundary of the Refer from U. S. - Foreign relations U. S.; Northwest boundary of the U. S. -Business associations -Canals, see Canals --Capital and capitol See also Washington, D. C. Refer from Washington, D. C. -Census See also U. S. — Population; U. S. — Statistics; U. S. — Vital statistics Refer from U. S. - Population; U. S. -Statistics; U. S. - Vital statistics

-Charities, see Charities — U. S.

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	United States — Continued	
	—Chronology, see U. S. — History — Chronology	
	Church history, see U. S. — Religious	
	Cities, see Cities U. SCivil and political institutions, see U. S.	
	— Government ——Civil service, see Civil service — U. S.	
	Civilization  See also U. S. — Economic conditions;  I. S. — Social conditions II. S. — Social	Refer from U. S Social conditions
	U. S. — Social conditions; U. S. — Social life and customs ——Claims	
	See also names of wars, subhead Claims ——Climate	
	See also Meteorology — U. S. ——Coats of arms, see Heraldry — U. S.	Refer from Meteorology — U. S.
	— Coinage, see Coinage — U. S. — Colleges, see Colleges and universities — U. S.	
7		
	See also Embargo laws; Great Lakes; Interstate commerce; Railroads — U. S.;	Refer from U. S. — Industries and resources
	Shipping — U. S.; Tariff — U. S.; U. S. — Industries and resources; Waterways — U. S.	
	Conchology, see Mollusks U. S. Constitution	
	See also Alien and sedition laws, 1798; Constitutional law; Constitutions, State;	Refer from U. S. — Government; U. S. — Law
	Secession; State rights; U. S. — Government; U. S. — Law	
	See also Political conventions  —Costume, see Costume — U. S.	
	Courts	Print from Foderal course (a)
	See also Courts, Municipal ——Crime and criminals, see Crime and criminals — U. S.	Refer from Federal courts (s)
	—Currency question, see Money — U. S.	
	Customs, see U. S. — Social life and customs	
	See also Coast defense; Fortification —	
	U. S.; U. S. — Army; U. S. — Navy ——Description and travel	
	See also Overland journeys to the Pacif-	Refer from U. S. — Geography (s); U. S. —
	ic; also names of cities, states, regions, etc.  Gazetteers	Travel (s)  Refer from U. S. — Gazetteers (s)
	Guidebooks Maps	Refer from U. S. — Guidebooks (s) Refer from U. S. — Atlases (s); U. S. —
		Maps (s)
	ViewsDialects, see English language Dialects	Refer from U. S. — Views (8)
	—Diplomatic and consular service	Refer from U. S. — Consular service (8); U. S. — Foreign relations
	See also U. S. — Registers	
	Discovery and exploration, see America —     Discovery and exploration     Drama, see American drama	
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United States - Continued -Ecclesiastical history, see U. S. - Religious history Ecclesiastical institutions, see U. S. - Religious institutions and affairs -Economic conditions See also Immigration and emigration — U. S.; Labor and laboring classes — U. S.; Land tenure — U. S.; Money — U. S.; Sectionalism; Tariff — U. S.; Taxation — U. S.; U. S. — Finance; U. S. — Foreign population; U. S. — Industries and resources; U. S. — Social conditions — Education — U. S. Refer from U. S. - Civilization; U. S. -Industries and resources; U. S. — Political economy (s); U. S. — Social conditions Education, see Education - U. S. -Elections, see Elections - U. S. -Emigration and immigration, see Immigration and emigration — U. S. Entomology, see Insects — U. S. -Epidemics -Ethnology, see Ethnology — U. S. -Exhibitions, see Exhibitions — U. S. -Expansion, see Imperialism; U. S. — Annexations; U. S. — Insular possessions -Exploring expeditions
See also Lewis and Clark expedition -Fauna, see Zoology — U. S. -Finance See also Coinage — U. S.; Money — U. S.; Tariff — U. S.; Taxation — U. S.; U. S. — Revenue Refer from U. S. - Economic conditions -Fine arts, see Art, American -Fish, see Fish — U. S. -Fisheries, see Fisheries — U. S. Flora, see Botany - U. S. -Folk songs, see Folk songs, American -Folklore, see Folklore — U. S. Foreign population See also Bohemians in the U. S.; Canadians in the U. S.; Chinese in the U. S.; Danes in the U. S.; Dutch in the U. S.; Germans in the U. S.; Hungarians in the U. S.; Immigration and emigration— Refer from Immigration and emigration — U. S.; Race problems — U. S.; U. S. — Economic conditions; U. S. — Population; U. S. - Social conditions U. S.; Irish in the U. S.; Italians in the U. S.; Japanese in the U. S.; Norwegians in the U. S.; Poles in the U. S.; Race problems — U. S.; Russians in the U. S.; Scandinavians in the U. S.; Scotch-Irish in the U. S.; Slavs in the U. S.; Swedes in the U. S. Foreign relations See also Fisheries — U. S.; Monroe doctrine; U. S. — Boundaries; U. S. — Diplomatic and consular service; U. S. — Refer from U. S. - Treaties Treaties -China See also Chinese in the U. S. -England See also Alabama claims -Forests and forestry, see Forests and forestry — U. S. Fortifications, see Fortification - U. S. -Gazetteers, see U. S. — Description and travel — Gazetteers -Genealogy See also U. S .- Biography Refer from U. S .- Biography -Geodesy, see Geodesy — Ú. Š.

United States - Continued - Geography, see U. S. - Description and Geography, see U. S. — Description and travel; also Physical geography — U. S. - Geology, see Geology — U. S. - Government — See also Civil service — U. S.; Elections — U. S.; Nationalism, New; U. S. — Constitution; U. S. — Politics Refe: from U. S. — Administration (s); U. S. — Civil and political institutions (s); U. S. — Constitution; U. S. — Politics Government publications See also U. S. - Archives Refer from U. S. - Archives; U. S. - Public documents (s) -Guidebooks, see U. S. — Description and travel — Guidebooks Harbors, see Harbors - U. S. -Health resorts, see Health resorts - U. S. -Heraldry, *see* Heraldry — U. S. Herpetology, see Reptiles — U. S. Historic houses, etc. See also Indians — Wars; Northwest Territory, U. S.; Slavery in the U. S. -Chronology Refer from U. S. — Chronology (s) -Military See also Indians - Wars; U. S. -Refer from U. S. - Army; U. S. - Military Army; also names of wars history (s) -Naval See also U. S. - Navy; also names of Refer from U. S. - Naval history (s); U. S. - Navy vessels and commanders, and subhead Naval operations under wars -Sources -Study and teaching Colonial period See also America - Discovery and Refer from American colonial history (8); Bacon's rebellion; Colonial history (U. S.) (s); Colonial life and customs; Colonial wars (s); French and Indian war; King Philip's war; King William's war; Pequot war; Pilgrim exploration; Bacon's rebellion; Colonial life and customs; French and Indian war; Indentured servants; King Philip's war; King William's war; Pequot war; Pilgrim fathers; Pontiac's conspiracy; Queen Anne's war; Redemptioners; Stamp act, 1765; U. S.—History— Revolution—Causes fathers; Pontiac's conspiracy; Queen Anne's -French and Indian war, see French and Indian war Revolution Refer from American revolution (s); Bunker See also Declaration of independence; Fourth of July orations; Loyalists, Hill, Battle of; Declaration of independence; England — History — 1714-1837; Loyalists, American; Revolutionary war (U. S.) (s); Revolutions; Sullivan's expedition; U. S.—Revolution (s) American Anecdotes Bibliography -Biography See also Declaration of independence — Signers; U. S. — History — Revolution — Societies Campaigns and battles See also Bunker Hill, Battle of; Sullivan's expedition; Wyoming massacre Causes Refer from Boston massacre; Boston tea party; Stamp act; U. S. — History — Colonial See also Boston massacre; Boston tea party; Stamp act period -Claims

U. S. — History — Revolution — Continued	
——Diplomatic history, see U. S. —	
History — Revolution — Foreign relations	
Fiction Foreign relations	Refer from U. S. — History — Revolution —
French participation	Diplomatic history (s)  Refer from French in America
German troops	Refer from Germans in the U. S.; Hessians
Indian participation	in the American revolution (s)  Refer from Indians — Wars
	•
Navai operationsNegro troops	Refer from Negroes in the American revolu-
_	tion (s)
Personal narratives	•
See also U. S. — History — Revolution — Prison life	
———Poetry	Refer from War poetry
———Political discussion ———Prison life	Defect of H.S. History Developing
Regimental histories	Refer from U. S. — History — Revolution — Personal narratives
See also U. S. — History — Revo-	Refer from U. S. — History — Revolution —
lution — State histories and records ————Societies	State histories and records
See also Patriotic societies	Refer from Patriotic societies; U. S. — History — Revolution — Biography
See also U. S. — History — Revolu-	Palas from II S - History - Davidution -
tion — Regimental histories	Refer from U. S. — History — Revolution — Regimental histories
Statistics	
1783-1861 1783-1812	
See also Alien and sedition laws, 1798;	Refer from Alien and sedition laws, 1798;
Embargo laws; French spoliation claims; Louisiana purchase; Ordinance of 1787;	Embargo laws; Louisiana purchase; Ordinance of 1787; Whisky insurrection
Whiskyinsurrection ——War of 1812 [subdivided like Revolu-	Refer from War of 1812 (s)
tion]	• •
See also Black Hawk war; Free soil	Refer from Black Hawk war; Free soil party;
party; Know-nothing party; Missouri compromise	Know-nothing party; Missouri compromise
	Refer from Mexican war, 1846–1848 (s); Mexico — History
See also Army of the Cumberland;	Peter from Army of the Cumberland Army
Army of the Potomac; Draft riot, 1863;	Refer from Army of the Cumberland; Army of the Potomac; Civil war (s); Gettysburg,
Guerrillas; Memorial day; Reconstruc- tion; Secession; Secret service; Slavery	Battle of; Guerrillas; Peninsular campaign, 1862; Rebellion; Secession; Southern states
in the U. S.  Reconstruction, see Reconstruction	
1865-1898	Pales from Peropetrystion
See also Reconstruction ——War with Spain [subdivided like Revolu-	Refer from Reconstruction
see also Imperialism; Rough Riders	Refer from Rough Riders; Spain — History — 1700-; Spanish-American war, 1898 (s)
1898	•
Hospitals and asylums	Refer from Charities — U. S.; U. S.— Asylums (s)
Hunting, see Hunting U. S.	· · · · · · · · · · · · · · · · · · ·
——Ichthyology, see Fish — U. S.	

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United States - Continued -Immigration, see Immigration and emi-gration — U. S. Indians, see Indians -Industries and resources

See also Agriculture — U. S.; Fisheries

— U. S.; Forests and forestry — U. S.; Refer from U. S. — Commerce; U. S. — Economic conditions; U. S. — Manufactures (s); U. S. — Natural resources (s); U. S. — Products (s); U. S. — Resources (s); Mines and mineral resources — U. S.; U. S. — Commerce; U. S. — Economic conditions; also names of industries U. S. - Useful arts (s) Insects, see Insects — U. S. -Insular possessions
See also Imperialism Refer from Imperialism; U. S. — Annexations; U. S. — Colonies (s); U. S. — Expansion (s); U. S. — Territorial expansion (s) -Intellectual life See also Education - U. S.; U. S. -Refer from Education - U. S.; U. S. -Social life and customs Learned institutions and societies Internal improvements, see U. S. — Public works -Internal revenue, see U.S. — Revenue -Jurisprudence, see U.S. — Law Labor and laboring classes, see Labor and laboring classes — U. S. Labor laws, see Labor laws — U. S. -Land tenure, see Land tenure — U. S. -Language, see English language -baw See also U. S. - Constitution Refer from U. S. - Constitution; U. S. -Jurisprudence (s) Refer from U. S.—Intellectual life; U. S.—Literary institutions (s); U. S.—Scientific -Learned institutions and societies institutions (s) -Libraries, see Libraries — U. S. Literary institutions, see U. S. - Learned institutions and societies Literature, see American literature Malacology, see Mollusks - U. S. Manners and customs, see U. S. - Social life and customs Manufactures, see U. S. - Industries and resources Maps, see U. S. - Description and travel - Maps Medicine, see Medicine - U. S. -Merchant marine, see Shipping — U. S.
-Meteorology, see Meteorology — U. S.
-Military history, see U. S. — History,
Military; also U. S. — Army -Military reservations, see National parks and reserves -Militia See also Naval militia; also names of states, subhead Militia Refer from National guard, U. S. (8); U. S. - Army Mineralogy, see Mineralogy - U. S. -Mines and mineral resources, see Mines and mineral resources — U. S. -Mollusks, see Mollusks — U. S. Money, see Money — U. S. Moral conditions Refer from U. S. - Social conditions Music, see Music - U. S. -National characteristics, see National characteristics, American -National parks and reserves, see National parks and reserves

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United States - Continued -Natural history, see Natural history -U.S. Natural resources, see U. S. - Industries and resources -Naval history, see U. S. — History, Naval; also U. S. — Navy Naval militia, see Naval militia -Navy Refer from U. S. - Army; U. S. - Defenses; See also Coaling stations; U. S. -History, Naval; Naval militia; also names U. S. - History, Naval; U. S. - Naval history (s) of vessels Newspapers, see Newspapers — U. S. Numismatics, see Numismatics — U. S. Ornithology, see Birds — U. S. Painting, see Painting, American -Paleontology, see Paleontology --Patents, see Patents — U. S. Pensions, see Pensions — U. S. -Periodicals, see Periodicals — U. S.
-Philosophy, see Philosophy, American
-Physical geography, see Physical geography — U. S. Poetry, see American poetry -Police Political economy, see Economics; U. S. -Economic conditions **Politics** See also Campaign funds; Campaign Refer from Campaign literature; Democratic party; Republican party; U. S. - Governliterature; Civil service reform; Demomander; Know-nothing party; Nullifica-cation; Platforms, Political; Political parties; Primaries; Republican party; Sectionalism; Tariff — U. S.; Tariff ques-tion; U. S. — Government; Whig party (U. S.) cratic party; Elections - U. S.; Gerry-Poor, see Poor — U. S. **Population** Refer from U. S. - Census; U. S. - Statis-See also U. S. - Census; U. S. - Foreign population tics Postal service, see Postal service — U. S. -Pottery, see Pottery — U. S. -Presidents, see Presidents — U. S. -Printing, see Printing — U. S. -Prisons, see Prisons — U. S. -Products, see U. S. - Industries and resources -Public buildings Refer from U. S. - Public works -Public documents, see U. S. -- Government publications Public lands See also Forest reserves; Grazing; Refer from Land tenure - U. S. . Homestead law; Indians - Land transfers; Indians — Reservations; Land grants; National parks and reserves; School lands -Public schools, see Public schools — U. S. -Public works See also U. S. - Public buildings from U. S. - Internal improve-Refer ments (s) Race problems, see Race problems — U. S. -Railroads, see Railroads — U. S. Reconstruction, see Reconstruction -Reformatories, see Reformatories — U. S.

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United States — Continued ——Registers [of officials]	Refer from Civil service — U. S.; U. S. — Directories
— Religious history. [For non-Christian countries use Religion]  See also Evangelical alliance; U. S.— Religious institutions and affairs; also	Refer from U. S. — Church history (s); U. S. — Ecclesiastical history (s)
names of churches and sects ——Religious institutions and affairs	Refer from U. S. — Ecclesiastical institu- tions (s); U. S. — Religious history
Reptiles, see Reptiles — U. S.  Resources, see U. S. Industries and resources  Revenue	tions (y), e. s. Rengious mistory
See also Internal revenue laws; Tariff — U. S.; Taxation — U. S.	Refer from Tariff — U. S.; Taxation — U. S.; U. S. — Finance; U. S. — Internatevenue (s)
Revolution, see U. S History Revolution Rivers, see Rivers U. S.	
Roads, see Roads U. S. Sanitary affairs	
Schools, see Education U. S.; Public schools U. S. Scientific institutions, see U. S Learn-	
ed institutions and societies  ——Sculpture, see Sculpture, American  ——Seal	Refer from Heraldry — U. S.; Numismatics — U. S.
	Refer from Labor and laboring classes—U.S.; U.S.— Civilization; U.S.— Economic conditions
Social life and customs	
See also Children in the U. S.; Colonial life and customs; Costume—U. S.; National characteristics, American; Thanksgiving day; U. S.—Intellectual life; Women in the U. S.—Sports, see Sports—U. S.	Refer from National characteristics, American; U. S.—Civilization; U. S.—Customs (s); U. S.—Manners and customs (s); Women in the U. S.
States, see States (U. S.)	
Statistics See also U. S. — Census; U. S. — Population; U. S. — Vital statistics —Surveys	Refer from U. S. — Census
— Tariff, see Tariff — U. S. — Taxation see Taxation — U. S. — Territorial expansion, see Imperialism;	
U. S. — Annexations; U. S. — Insular possessions	
TerritoriesTheater, see Theater U. STravel, see U. S Description and	Refer from Territories (U. S.) (s)
travel ——Treaties See also U. S. — Foreign relations ——Universities, see Colleges and universities	Refer from U. S. — Foreign relations
- U. SUseful arts, see U. SIndustries and resources	

USTANNIA

United States — Continued

— Views, see U. S. — Description and travel
— Views

— Vital statistics
See also U. S.— Census

— Water power, see Water power — U. S.
— Water supply, see Water supply — U. S.
— Waterways, see Waterways — U. S.
— Weights and measures, see Weights and

measures
—Zoology, see Zoology — U. S.
United States volunteer cavalry
See also Rough Riders

## United States volunteer infantry

### Units

See also Electric measurement; Metric system; Weights and measures
Universal history see History, Universal
Universal language see Language, Universal
Universal suffrage see Suffrage
Universalism

See also Future life; Future punishment

#### Universe

See also Astronomy; Creation; Earth; Metaphysics; Meteoritic hypothesis; Monadology; Monism; Nebular hypothesis; Planetesimal hypothesis; Plurality of worlds; Teleology

Universities see Colleges and universities University degrees see Degrees, Academic University extension

See also Correspondence schools and courses

University libraries see Libraries, College University of the U. S., Proposed, see National university for the U. S. University settlements see Social settlements

Upholstery
See also Drapery; Furniture; House decoration

Ural-Altaic languages

See also Finnish language; Hungarian language; Turkish language

Uranography see Astronomy Urinary organs See also Anatomy; Kidneys Urn burial

### Urns

See also Urn burial; Vases
Ursidae see Bears
Ursulines
Usages see Etiquet; Manners and customs
Useful arts see Industrial arts; Manufactures
Usury see Interest
Utensils see Implements, utensils, etc.
Utilitarianism

See also Philosophy, English; Secularism

Refer from U. S. - Census; U. S. - Statistics

Refer from Cavalry; U. S. — Army; U. S. — Army — Cavalry; Volunteers (U. S. army) (s)

Refer from Infantry; U. S. — Army; U. S. — Army — Infantry; Volunteers (U. S. army) (s)

Refer from Constants (s); Physics; Standards (s); Weights and measures

Refer from Congregationalism; Future punishment; Salvation; Sects

Refer from Astronomy; Cosmogony (s); Cosmography (s); Cosmology (s); Creation; Metaphysics; Philosophy; World (s)

Refer from Colleges and universities; Education; Self-culture

Refer from Drapery; Furniture; House decoration

Refer from Altaic languages (s); Finnish language; Hungarian language; Language; Turkish language

Refer from Anatomy; Kidneys; Physiology Refer from Burial; Cremation; Mortuary customs (s); Urns

Refer from Pottery; Vases

Refer from Sisterhoods; Nuns

Refer from Ethics; Hedonism; Philosophy; Philosophy, English; Secularism

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Utopias

See also Forecasts: Socialism

Vacant lot cultivation

See also School gardens

Vacation schools

See also Summer schools

Vacations

See also Camping; Holidays; Outdoor life; Summer resorts; Vacation schools

Vaccination

See also Immunity; Inoculation; Smallpox; Varioloid

Vacuum cleaning systems

Vagabonds see Gipsies; Tramps; Wayfaring

Vagrancy see Poor; Poor laws; Tramps

Valdenses see Waldenses

Valency

Valentine's day

Valleys

See also Erosion; Physical geography;

Rivers

Valor see Courage

Valses see Waltzes

Value

See also Cost; Farm values; Money;

Prices; Supply and demand

Valves and valve gears

See also Link motion; Safety valves;

Steam engines

**Vampires** 

See also Animals, Mythical

See also Barbarian invasions of Rome

See also Flavoring extracts

Vanity see Pride and vanity

Vapor see Evaporation; Gases; Steam

Variation (biology)

See also Color of animals; Color of flowers; Color of insects; Color of plants; Evolution;

Heredity; Mendel's law; Natural selection;

Plant breeding; Species

Variation of the compass see Compass Variations (calculus) see Calculus

Variety stage see Vaudeville Variola see Smallpox

Varioloid

See also Smallpox; Vaccination

Refer from Forecasts; Government; Ideal states (s); Socialism; Socialistic utopias (s); Sociology

Refer from City gardens (s); Charities; Commons; Cultivation of vacant lots (s); Detroit plan (s); Gardening; Municipal improvement; Neighborhood improvement; Pingree plan (s); School gardens; Unemployed; Workingmen's gardens (s)

Refer from Education; Playgrounds; Public schools; Schools; Summer schools; Vacations

Refer from Holidays; Hygiene; Outdoor life

Refer from Contagion and contagious diseases; Hygiene, Public; Immunity; Inocula-tion; Medicine; Smallpox; Varioloid Refer from Cleaning; Compressed air;

House cleaning; Sweeping

Refer from Chemical elements; Chemistry,

Physical
Refer from Manners and customs; St.
Valentine's day (s)

Refer from Erosion; Physical geography;

Rivers

Refer from Cost; Economics; Prices; Standard of value (s); Supply and demand; Wages

Refer from Gearing; Link motion; Machinery; Safety valves; Slide valves (s); Steam engines

Refer from Animal lore; Animals, Mythical; Superstition

Refer from Barbarian invasions of Rome; Teutonic race; Wandalen (s)

Refer from Flavoring extracts

Refer from Biology; Botany; Evolution; Heredity; Mutation (s); Species; Transmutation of species (s); Zoology

Refer from Medicine - Practice; Smallpox; Vaccination

Varnish and varnishing

See also Japanning; Lacquer; Painting, Mechanical; Wood finishing

Vascular system

See also Anatomy; Arteries; Blood; Blood vessels; Heart; Physiology; Veins Vases

See also Pottery: Urns

Vassals see Feudalism Vatican

See also Catholic church; Popes; Rome (city)

Vatican council

See also Infallibility; Popes — Infallibility

Vaudeville

See also Theater

Vaudois see Waldenses

Vaulting

See also Arches; Architecture; Domes; Vaults

Vaults

See also Safes; Tombs; Vaulting

Vector analysis

See also Quaternions

Vedanta

See also Philosophy, Hindu; Theosophy; Vedas; Yoga

Vedas

See also Vedanta

Vegetable diet see Vegetarianism
Vegetable gardening see Gardening; Market
gardening
Vegetable kingdom see Botany; Plants
Vegetable mold see Soils

Vegetable oils see Essences and essential oils; Oils and fats

Vegetable pathology see Plants — Diseases Vegetable physiology see Botany — Physiology Vegetables

See also Beets and beet sugar; Cookery — Vegetables; Gardening; Market gardening; Potatoes; Root crops; Vegetarianism Vegetarianism

See also Animal food

**Vehicles** 

See also Ambulances; Automobiles; Carriages; Cars; Chariots; Coaches and coaching; Omnibuses; Transportation; Wagons; Wheels

Veins

See also Arteries; Blood; Blood vessels

Velocipedes see Bicycles and tricycles Velocity

See also Kinematics; Speed

Refer from Chemistry, Technical; Gums and resins; Japanning; Lacquer; Painting, Mechanical; Wood finishing

Refer from Anatomy; Blood vessels; Circulatory system (s); Physiology

Refer from Amphorae (s); Decoration and ornament; Pottery; Urns

Refer from Catholic church; Popes; Rome (city)

Refer from Catholic church — History; Councils and synods; Infallibility; Popes; Popes — Infallibility; Ultramontanism

Refer from Acting; Actors; Amusements; Music halls; Stage (s); Theater; Variety stage (s)

Refer from Arches; Architecture; Building; Masonry; Roofs; Vaults

Refer from Architecture; Banks and banking; Safes; Tombs; Vaulting Refer from Algebra; Quaternions

Refer from Brahmanism; Hinduism; Pantheism; Philosophy, Hindu; Theosophy; Vedas; Yoga

Refer from Brahmanism; Hindu literature; Hinduism; Sacred books; Sanskrit literature; Vedanta

Refer from Agricultural products; Beets and beet sugar; Botany; Food; Gardening; Market gardening; Potatoes; Root crops

Refer from Animal food; Diet; Food; Vegetable diet (s); Vegetables

Refer from Carriages; Transportation; Wagons

Refer from Arteries; Blood; Blood vessels; Vascular system

Refer from Kinematics; Motion; Physics; Speed



Vendean war, 1703-1706 See also Chouans; French revolution

Vendée, War of, see Vendean war Vendetta Vendors see Sale Veneers and veneering

Venesection see Bloodletting Venom See also Poisons

Ventilating fans see Fans, Electric: Fans, Mechanical Ventilation

See also Air pollution; Car heating, lighting and ventilation; Chimneys; Fans, Electric; Fans, Mechanical; Heating; Mine ventilation

Ventilation of mines see Mine ventilation Ventriloquism Versailles (palace)

#### Versification

See also Alliteration; Meter; Poetry; Prosody; Rhyme; Rhythm Vertebral column see Spine Vertebrates

See also Amphibia; Birds; Fish; Mammals; Reptiles; Zoology Vessels see Shipbuilding; Shipping; Ships;

Steamboats Vestments see Church vestments

Veterinary medicine See also Animals — Diseases; Cattle — Diseases; Dogs; Domestic animals; Horse; Sheep; Swine; also names of diseases, e.g. Tuberculosis in animals

## Veto

Viaducts see Bridges Vibration

See .also Heat; Light; Motion; Physics; Sound; Waves Vice

See also Crime and criminals; Degeneration; Ethics; Prostitution

Victoria cross Victorian literature see English literature — History and criticism — 19th century

Views See also Pictures; also e.g. New York (city)
— Description — Views; U. S. — Description and travel — Views

Vigilance committees See also Lynch law

Vikings see Northmen

Village communities

See also Communism; Local government; Mark (land); Tribes and tribal system

Villages

See also Local government; Towns

Refer from Brittany; Chouans; French revolution; Vendée, War of (s)

Refer from Feuds (s); Manners and customs

Refer from Forest products; Furniture; Woodwork

Refer from Bites, Venomous (s); Poisons; Snake venom (s); Snakes

Refer from Air; Air pollution; Architecture; Building; Chimneys; Heating; Home economics; Hygiene; Sanitary engineering; Sanitation; Sanitation, Household

Refer from Amusements; Elocution; Voice Refer from Art - Galleries and museums; France - Description and travel; Palaces

Refer from Alliteration; Authorship; Meter; Poetry; Prosody; Rhetoric

Refer from Amphibia; Birds; Fish; Mammals; Reptiles; Zoology

Refer from Animals — Diseases; Cattle — Diseases; Diseases of animals (s); Dogs; Domestic animals; Domestic animals - Diseases (s); Farriery (s); Horse; Live stock; Medicine; Sheep; Swine

Refer from Executive power; Government; Legislation; Presidents

Refer from Motion; Physics; Waves

Refer from Crime and criminals; Degeneration; Ethics; Immorality (s); Prostitution Refer from Decorations of honor

Refer from Geography; Pictures

Refer from Courts; Crime and criminals; Criminal law; Lynch law; Western states

Refer from Commons; Communism; Communities (s); Government; Land tenure; Local government; Mark (land); Society, Primitive; Tribes and tribal system

Refer from Government; Local govern-ment; Towns

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Villainage see Villeinage Villas see Architecture, Domestic; Cottages; Country houses Villeinage

See also Feudalism; Serfdom

Villenage see Villeinage Vine see Grape; Wine Vines see Climbing plants; Grape Vineyards see Grape Violets

See also Floriculture

Violin

See also Stringed instruments; Violin music; Violinists
Violin music

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**Violinists** 

See also Musicians

Violoncello

See also Stringed instruments

Virgin birth of Christ see Jesus Christ — Birth Virgin Mary see Mary, Virgin Virgin Mary in art see Madonnas Virginal see Piano Virginia resolutions, 1798, see Kentucky and Virginia resolutions, 1798 Virtue

See also Chastity; Ethics; Goodness Viscera

See also Abdomen; Intestines; Kidneys; Liver

Viscosity

See also Hydrodynamics; Matter; Splashes

Visigoths see Goths
Vision see Color sense; Eye; Sight
Visions see Apparitions; Dreams; Illusions
and hallucinations
Visitations, Heraldic

Visiting see Guests
Vitagraph see Moving pictures
Vital records

Vital statistics

See also Birth rate; Census; Fecundity; Mortality; Population; Vital records; also names of countries, subhead Vital statistics

Vitalism
Vitascope see Moving pictures
Viticulture see Grape
Vivariums

See also Aquariums; Menageries

Vivisection

See also Animal experimentation; Dissection

Vocal culture see Singing and voice culture

Refer from Feudalism; Labor and laboring classes; Land tenure; Peasantry; Serfdom; Villainage (s); Villenage (s)

Refer from Floriculture; Flowers

Refer from Bow (music) (s); Fiddle (s); Musical instruments; Stringed instruments Refer from Instrumental music; Music— Scores; Violin

Refer from Musicians; Violin

Refer from Cello (s); Musical instruments; Stringed instruments

Refer from Conduct of life; Ethics; Goodness

Refer from Abdomen; Intestines

Refer from Fluids; Gases; Hydrodynamics; Liquids; Matter; Physics

Refer from Genealogy; Heraldic visitations (s); Heraldry

Refer from Archives; Birth records (s); Death records (s); Genealogy; Marriage records (s); Records of births, marriages and deaths (s); Registers of births, marriages and deaths (s); Vital statistics

Refer from Birth rate; Census; Death; Death rate (s); Life; Longevity; Man; Marriage statistics (s); Mortality; Population; Statistics

Refer from Biology; Life

Refer from Animals; Menageries; Terrariums (8)

Refer from Anatomy; Animal experimentation; Animals — Treatment; Dissection; Ethics; Pain; Surgery

Vocal music see Choral music; Church music; Music; Singing and voice culture; Songs Vocal organs see Voice Vocalists see Singers Vocational education

See also Industrial education; Professional education; Technical education; Trade schools

Vocations see Occupations: Professions Voice

See also Elocution; Music; Oratory; Singing and voice culture; Sound; Speech; Stammering; Throat; Ventriloquism

Voice culture see Singing and voice culture Volatile oils see Essences and essential oils Volcanic rocks see Igneous rocks Volcanoes

See also Earthquakes; Geology; Igneous rocks; Lava; Physical geography

Volition see Will Voltaic arc see Electric arc Voltaic cell see Electric batteries Voltaic electricity see Electricity Volumetric analysis see Chemistry — Analysis Volunteers (U. S. army) see United States volunteer cavalry; United States volunteer infantry; also under names of states, e.g. New York artillery; New York cavalry; New York infantry Voodooism

Voting see Ballot; Elections; Representative government and representation; Suffrage Voting machines Voudooism see Voodooism

Voyagers see Explorers; Travelers

Voyages and travels
See also Adventure; Antarctic regions; Arctic regions; Automobile touring; Buccaneers; Discoveries and explorations; Explorers; Geography; Ocean travel; Pil-grimages; Sailors; Scientific expeditions; Sea-faring life; Travel; Travelers; Voyages and travels around the world; Whaling -Early [to 1650]

# Voyages and travels around the world

Wager of battle See also Dueling

Wagers see Betting Wages

See also Cost of living; Economics; Employment agencies; Income; Labor and laboring classes; Labor unions; Prices; Profit sharing; Salaries; Standard of living; Sweating system; Value Wagon painting see Carriage painting

Wagons

See also Carriages; Vehicles

Refer from Colleges and universities; Curriculum; Education; Industrial education; Occupations; Professional education; Public schools; Technical education

Refer from Breathing; Elocution; Hygiene; Medicine — Practice; Music; Oratory; Physi-ology; Singing and voice culture; Sound; Speaking (s); Speech; Throat; Vocal organs (s)

Refer from Language, Artificial

Refer from Earth; Earthquakes; Geology; Lava; Mountains; Physical geography; Seismology (s)

Refer from Conjuring; Fetishism; Negroes -Social life and customs; Superstition; Voudooism (s)

Refer from Ballot; Elections

Refer from Adventure; Antarctic regions; Arctic regions; Discoveries and explorations; Explorers; Geography; Journeys (s); Navigation; Ocean; Ocean travel; Travel; Travelers; Travels (s)

Refer from Circumnavigation (s); Travels around the world (s); Voyages and travels

Refer from Battle, Wager of (s); Combat, Trial by (s); Dueling; Law; Trial by combat (s)

Refer from Compensation (s); Cost of living; Economics; Income; Labor and capital; Labor and laboring classes; Labor unions; Piece work (s); Prices; Profit; Salaries; Standard of living; Workmen's compensation (s)

Refer from Vehicles

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Wahabis

. See also Arabia — History; Mohammedan-

Wahhabites see Wahabis

Waiters

See also Servants: Tipping

Waitresses see Waiters

Waldenses

See also Albigenses; Huguenots; Reformation — France

Walking

See also Running

Wall decoration see Mural painting and decoration

Wall painting see Mural painting and decoration

Wall paper

See also Mural painting and decoration; Tapestry

Wall street, New York eity

See also Speculation; Stock exchange

Walls

See also Building; Dams; Foundations; Masonry; Mural painting and decoration; Sea walls

Waltzes

See also Dance music Waltzing see Dancing Wampum See also Shell money

Wandalen see Vandals

Wandering Jew

War

See also Arbitration, International; Armies; Battles; Blockade; Contraband of war; Disarmament; Guerrillas; Imaginary wars and battles; International law; International relations; Intervention; Martial law; Militarism; Military art and science, and other headings beginning Military; Naval art and science; Navies; Neutrality; Peace; Prisoners of war; Prizes (international law); Recognition (international law); Red cross; Sieges; War correspondence; War games; War poetry; War songs; also names of wars, e.g. French revolution

### War correspondence

War cries see Battle cries
War games
See also Military maneuvers

War of 1812 see U. S. — History — War of

War of the Austrian succession see Austrian succession, War of

War of the Roses see Wars of the Roses

Refer from Arabia — History; Mohammedanism; Wahhabites (s)

Refer from Restaurants; Servants; Table; Waitresses (s)

Refer from Albigenses; Church history — Middle ages; Huguenots; Reformation — France; Sects; Valdenses (s); Vaudois (s)

Refer from Animal locomotion; Athletics; Exercise; Locomotion; Outdoor life; Pedestrianism (s); Physical education; Running; Sports; Track athletics

Refer from House decoration; Mural painting and decoration; Paper; Paper hanging (s)

Refer from New York (city) — Streets; Speculation; Stock exchange; Stocks

Refer from Architecture; Building; Civil engineering; Dams; Earthwork; Engineering; Foundations; Masonry; Retaining walls (s)

Refer from Dance music; Valses (s)

Refer from Beads; Indians; Money; Shell money

Refer from Legends

Refer from Arbitration, International; Armies; Disarmament; Ethics; Fighting (s); International law; International relations; Militarism; Military art and science; Naval art and science; Peace; Social problems; Sociology

Refer from Correspondence (s); Journalism; Reporting; War

Refer from Military art and science; Military maneuvers; Tactics; War

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War of the Spanish succession see Spanish succession, War of

War poetry

See also War songs; also under various wars, e.g. U. S. — History — Revolution - Poetry

War-ships see Warships

War songs

See also War poetry Wards see Guardians Warehouses

See also Bailments; Grain elevators

Warming see Heating

Warnings see Omens Wars see Military history; also names of wars, and names of countries, subheads History and History, Military

Wars, Imaginary, see Imaginary wars and battles

Wars of the Roses

See also England — History — Lancaster and York

Warships

See also Armor plate; Armored vessels; Galleys; Naval art and science; Navies; Submarine boats; Torpedo boats; also names of countries, subhead Navy

Warwick castle

See also Castles - England; Warwickshire, Eng.

Washing see Laundry

Wasps

See also Hymenoptera

Waste, Disposal of, see Refuse and refuse dis-posal; Sewage; Waste products

Waste products

See also Refuse and refuse disposal; Slag

Watches see Clocks and watches Water

ater
See also Baths and bathing; Dew; Erosion; Feed water; Fog; Frost; Glaciers; Hail; Hydraulic engineering; Hydraulics; Hydrostatics; Ice; Lakes; Meteorology; Hydrostatics; Ice; Lakes; Meteorology; Mineral waters; Ocean; Physical geog-Mineral waters; Ocean; Physical geography; Ponds; Rain; Rivers; Sea water; Snow; Springs; Steam; Swimming; Water supply, and other headings beginning Water; Waterfalls; Waterspouts; Waterways; Waves

-Analysis

See also Bacteriology

-Purification

See also Feed water; Filters and filtration; Water supply

Refer from Poetry; Poetry of war (s); War; War songs

Refer from Battle-songs (s); National songs; Patriotic songs (s); Songs; War; War poetry

Refer from Architecture; Bailments; Business; Commerce; Tariff

Refer from England - History - Lancaster and York; Roses, Wars of the (s); War of the Roses (s)

Refer from Armored vessels; Battle-ships (s); Battleships (s); Cruisers (s); Fleets (s); Naval art and science; Navies; Sea power; Shipbuilding; Ships; Steamboats; War-ships (s)

Refer from Castles - England; Warwickshire, Eng.

Refer from Hymenoptera

Refer from By-products (s); Chemical engineering; Chemistry, Technical; Factory waste (s); Industrial arts; Manufactures; Refuse and refuse disposal; Trades waste (s); Waste, Disposal of (s)

Refer from Beverages; Hydraulic engineering; Hydraulics; Hydrology (s); Hydrostatics; Ice; Physical geography; Physics; Water supply

Refer from Bacteriology; Sanitary chemistry; Water analysis (s); Water pollution

Refer from Feed water; Filters and filtration; Municipal engineering; Purification of water(s); Sanitary chemistry; Sanitary engineering; Sanitation; Water pollution; Water purifica-tion (s); Water softening (s); Water supply

Water - Continued

-Underground See also Divining rod; Soil moisture; Springs; Wells

Water analysis see Water - Analysis Water birds

See also Birds; Ducks; Geese

Water color painting See also Painting Water cure see Hydrotherapy Water flow see Hydraulics Water gardens

See also Aquariums; Aquatic plants

Water heating see Hot water heating Water insects see Insects, Aquatic Water meters Water plants see Aquatic plants Water pollution

See also Sewage; Water — Analysis; Water — Purification; Water supply

Water power

See also Flumes; Hydraulic engineering; Hydraulic machinery; Hydraulic motors; Hydro-electric plants

Water-power electric plants see Hydro-electric

plants
Water purification see Water — Purification Water rights

See also Riparian rights; Water supply

Water softening see Water - Purification Water sports see Aquatic sports

Water supply

See also Aqueducts; Artesian Canals; Dams; Droughts; Filters and filtration; Forests and forestry; Fountains; Hydraulic engineering; Irrigation; Plumbing; Pumping stations; Pumps; Reservoirs; Water; Water — Purification; Water meters; Water pollution; Water rights; Wells; also names of cities, subhead Water supply -U. S.

Water wheels

See also Hydraulic motors; Turbines

Watercourses see Waterways Waterfalls

Waterfowl see Water birds Watering places see Health resorts; Summer resorts

Waterloo, Battle of, 1815

See also France — History — Consulate and empire; Napoleonic wars

Waterproofing

See also Corrosion and anti-corrosives; Dampness in buildings Waterspouts

See also Meteorology

Refer from Ground water (s); Hydrology (s); Physical geography; Springs; Subterranean water (s); Underground water (s); Wells

Refer from Aquatic birds (s); Birds; Ducks; Geese; Waterfowl (s); Wild fowl (s)

Refer from Painting

Refer from Aquariums; Aquatic gardening (s); Aquatic plants; Gardens; Landscape gardening

Refer from Meters (s); Water supply

Refer from Hygiene; Hygiene, Public; Pollution of streams (s); Refuse and refuse disposal; Rivers; Sanitary chemistry; Sewage; Water supply

Refer from Conservation of resources; Flumes; Hydraulic engineering; Hydraulic power (s); Hydraulics; Natural resources; Power; Rivers

Refer from Irrigation; Riparian rights; Water supply

Refer from Civil engineering; Engineering; Filters and filtration; Hydraulic engineering; Hygiene, Public; Municipal engineering; Pumping stations; Reservoirs; Sanitary engineering; Sanitation; Water; Water — Purification; Water pollution; Water rights; Waterworks (s)

Refer from U. S. — Water supply (s)

Refer from Hydraulic engineering; Hydraulic machinery; Hydraulic motors; Machinery; Motors; Turbines; Wheels

Refer from Cataracts (s); Falls (s); Physical geography; Water

Refer from Battles; France - History -Consulate and empire; Napoleonic wars

Refer from Corrosion and anti-corrosives; Textile industry and fabrics

Refer from Meteorology; Physical geography; Water

See also Canals; Ferries; Freight; Inland navigation; Navigation; Riparian rights; Rivers

-U. S.

See also Canals — U. S.; Great Lakes; Rivers — U. S.

Waterworks see Water supply

Wattmeter

Waves

See also Electric waves; Ether (of space); Light; Sound; Vibration

Wax

Wax flowers

Waxworks, Living, see Jarley waxworks

Wayfaring life

See also Minstrels; Outdoor life; Tramps

Wealth

See also Banks and banking; Business; Capital; Capitalists and financiers; Economics; Finance; Income; Labor and laboring classes; Leisure class; Luxury; Millionaires; Misers; Money; Property; Prosperity; Success

Weapons see Arms and armor; Firearms; Indians — Implements and weapons; Swords

Weariness see Fatigue

Weather

See also Climate; Droughts; Meteorology; Storms; Weather forecasts; Weather lore; Winds

Weather forecasts

See also Weather lore

Weather lore

Weaving

See also Basketwork; Beadwork; Blankets; Carpets; Lace; Looms; Rugs; Textile industry and fabrics

Wedding anniversaries

Weddings

See also Etiquet; Marriage; Marriage customs and rites; Wedding anniversaries Weeds

Weevils

See also Beetles; Boll weevil

✓ Weights and measures

See also Arithmetic; Decimal system; Electric measurement; Gaging; Gravitation; Measuring instruments; Mensuration; Metric system; Specific gravity; Standards of length; Units

Weirs see Dams

Welding

See also Blowpipe; Solder and soldering

Welfare institutions for laborers see Industrial betterment

Wells

See also Artesian wells; Boring; Gas, Natural; Holy wells; Petroleum; Springs; Water, Underground

Refer from Canals; Commerce; Communication; Inland navigation; Rivers; Transporta-tion; Watercourses (s); Water

Refer from Canals — U. S.; Rivers — U. S.; U. S.— Commerce; U. S. — Waterways (s)

Refer from Electric meters; Meters (s)

Refer from Hydrodynamics; Ocean; Physical geography; Physics; Vibration; Water Refer from Adhesives; Bees Refer from Artificial flowers; Flowers

Refer from Minstrels; Outdoor life; Tramps; Vagabonds (s)

Refer from Business; Business ethics; Capital; Distribution of wealth (s); Economics; Ethics; Finance; Fortunes (s); Income; Luxury; Millionaires; Money; Plutocracy (s); Property; Riches (s); Social ethics

Refer from Climate; Meteorology

Refer from Forecasts; Meteorology; Weather Refer from Folklore; Meteorology; Proverbs; Superstition; Weather; Weather forecasts

Refer from Arts and crafts; Carpets; Cotton; Domestic arts; Industrial arts; Looms; Man-ual training; Textile industry and fabrics

Refer from Anniversaries; Marriage; Wed-

dings
Refer from Bridal customs (s); Etiquet; Marriage; Marriage customs and rites

\*Refer from Agricultural pests; Botany;

Botany, Economic; Gardening; Plants

Refer from Beetles; Insects, Injurious and beneficial

Refer from Cambistry (s); Commerce; Decimal system; Gravitation; Measures (s); Mensuration; Metric system; Metrology (s); Science; Specific gravity; Standards (s); Units

Refer from Blacksmithing; Blowpipe; Electric welding (s); Forging; Ironwork; Machine shop practice; Metal work; Metals; Solder and soldering

Refer from Artesian wells; Hydraulic engineering; Springs; Water, Underground; Water supply



Welsh language

See also Celtic languages

Welsh literature

See also Celtic literature

Werwolves

See also Animals, Mythical

Wesleyan Methodist church

Wesleyans see Methodist Episcopal church; Wesleyan Methodist church

West (U. S.) see Western states

Western empire see Holy Roman empire

Western Reserve

See also Ohio

Western states

See also Cowboys; Frontier and pioneer life; Indians; Lewis and Clark expedition; New Englanders in the West; Northwest Territory; Northwestern states; Oregon trail; Overland journeys to the Pacific; Pacific states; Prairies; Ranch life; Salt Lake trail; Santa Fé trail; Southwestern states; Vigilance committees; also names of states, cities, etc.

Westminster abbey

Whales

See also Cetacea; Whaling

Whaling

See also Harpoons

Wharves

See also Docks; Piles and pile driving; also names of cities, subhead Wharves

Wheat

See also Flour and flour mills; Grain; Hessian flies

Wheeling see Cycling

Wheels

See also Axles; Car wheels; Carriages; Machinery; Tires; Turbines; Water wheels

Whig party (England)

Whig party (U.S.)

Whipping see Corporal punishment; Flogging Whirlwinds see Storms

Whisky insurrection, 1794

See also Pennsylvania — History; U. S. - History — 1783-1812

Whist

See also Bridge whist; Cards White league see Ku-Klux Klan White slave trade see Prostitution

Widows

See also Wives Wife see Wives Wild animals see Animals; Zoology

Wild flowers see Flowers

Wild fowl see Game birds; Water birds

Wild geese see Geese

Wilderness road

Refer from Celtic languages; Cymric language (s); Kymric language (s)

Refer from Celtic literature; Cymric literature (s); Kymric literature (s)

Refer from Animal lore; Animals, Mythical; Lycanthropy (s); Superstition Refer from Methodism; Sects; Wesleyans (8)

Refer from Connecticut Reserve (s): Northwest Territory, U. S.; Ohio

Refer from Frontier and pioneer life; Indians; Northwestern states; Overland journeys to the Pacific; Pacific states; Prairies; Ranch life; Southwestern states; West (U.S.) (s)

Refer from Abbeys; London

Refer from Cetacea

Refer from Seafaring life; Voyages and travels; Whales

Refer from Docks; Harbors; Hydraulic engineering; Piers (s); Piles and pile driving

Refer from Flour and flour mills; Grain

Refer from Axles; Carriages; Machinery; Tires; Vehicles

Refer from England - Politics; Political parties Refer from Political parties; U. S. - Politics

Refer from Pennsylvania - History; U. S. - History - 1783-1812

Refer from Bridge whist; Cards

Refer from Family; Wives; Women

Refer from Boone's trail (s); Kentucky; Roads — U. S.; Virginia

in the second

See also Ethics; Freedom of the will; Psychology Wills

See also Administrators and executors; Guardians; Inheritance; Legacies; Probate law and practice Wind see Winds

Wind instruments

See also Bagpipes; Bands (music); Flute; Musical instruments

Windmills

# Window dressing

Window gardening See also Floriculture

Windows

See also Architecture; Glass; Grilles; Lattice; Skylights; Stained glass; Window dressing; Window gardening

See also Anemometer; Cyclones; Hurricanes; Meteorology; Storms; Tornadoes

Windsor castle

See also Castles - England

Wine

See also Grape: Liquors: Temperance

Wings

See also Birds; Flight

Winter

See also Seasons; Winter resorts; Winter

Winter gardening see Greenhouses; Window gardening

Winter resorts

See also Health resorts; Riviera

Winter sports

See also Coasting; Curling; Hockey; Ice boats; Skating; Skees and skee-running; Sports; Tobogganing

Wire

See also Cables; Electric wire and wiring; Fence wire

Wireless telegraphy

See also Coherers; Electric waves

Wireless telephony see Telephone, Wireless Wiring, Electric, see Electric conductors; Electric wire and wiring Wise men of the East see Magi Wit and humor see Humor Witchcraft

See also Amulets; Charms; Demonology; Evil eye; Magic; Medicine men; Occult sciences; Superstition

Refer from Ethics: Freedom of the will: Philosophy; Psychology; Volition (s)

Refer from Administrators and executors: Bequests (s); Genealogy; Inheritance; Law; Legacies; Probate law and practice; Property

Refer from Bagpipes; Bands (music); Brass instruments (s); Flute; Musical instruments

Refer from Farm motors; Irrigation; Machinery; Motors

Refer from Advertising; Business; Decora-

kefer from Advertising; Business; Decoration and ornament; Shop window decoration (s); Show windows (s); Windows

Refer from Floriculture; Flowers; Gardening; House plants (s); Windows; Winter gardening (s)

Refer from Architecture; Building; Glass

Refer from Currents (s); Gales (s); Meteorology; Storms; Trade winds (s); Weather; Wind (s)

Refer from Castles - England; Palaces

Refer from Grape: Liquors: Vine (s)

Refer from Birds; Flight; Insects; Zoology

Refer from Seasons

Refer from Health resorts; Resorts (s); Winter

Refer from Coasting; Curling; Hockey; Ice boats; Ice sports (s); Skating; Skees and skee-running; Sports; Toboganning; Winter

Refer from Cables; Metals; Rope

Refer from Coherers; Collisions at sea; Communication; Electric engineering; Electric waves; Electricity; Marconigrams (s); Radiotelegraphy (s); Signals; Space telegraphy (s); Telegraph; Telegraph, Wireless (s)

Refer from Black art (s); Charms; Church history; Conjuring; Delusions (s); Demonology; Evil eye; Exorcism (s); Folklore; Magic; Necromancy (s); Occult sciences; Persecution; Sorcery (s); Spirits (s); Superstition



Witnesses

See also Evidence; Expert evidence; Perjury

Wives

See also Domestic relations; Family; Husbands; Marriage; Mothers; Widows; Women

Wolf see Wolves

Wolves

See also Carnivora

Woman see Women

Woman suffrage

See also Women — Law; Women — Social condition

Women

See also Amazons; Beauty, Personal; Chastity; Children; Costume; Deaconesses; Chastity; Children; Costume; Deaconesses; Education of women; Etiquet; Family; Fancy work; Girls; Harem; Home; Home economics; Love; Marriage; Matriarchy; Mothers; Needlework; Nuns; Nurses and nursing; Prostitution; Queens and empresses; Sex; Singers; Sisterhoods; Spinsters; Widows; Wives; Woman suffrage; Women as artists; Women as authors; Women as lawyers; Women as physicians; Women in literature and art; Women's clubs; Working women's clubs: Young women women's clubs; Young women

-Biography

Clubs, see Women's clubs

-Crime

See also Infanticide; Prostitution

-Diseases

See also Hysteria; Medicine - Practice; Obstetrics; Women — Hygiene-Education, see Education of women

-Employment [the economic question] See also Factory system; Home labor; Sweating system; Women — Occupations

History

-Hygiene See also Hygiene, and references under that subject; Women — Diseases -Labor question, see Women — Employ-

ment

-Law

See also Divorce; Marriage; Salic law; Woman suffrage; Women — Employment; Women — Social condition

-Occupations

See also Women — Employment; Women as artists; Women as authors; Women as physicians; also names of occupations, e.g. Dressmaking

Political status, see Woman suffrage

Rights of women, see Woman suffrage; Women — Law; Women — Social condition

Refer from Cross-examination (s); Evidence; Examination of witnesses (s); Law; Perjury;

Refer from Domestic relations; Family; Husband and wife (s); Husbands; Marriage; Widows; Wife (s); Women

Refer from Carnivora; Fur-bearing animals; Wolf (s)

Refer from Rights of women (s); Suffrage; Suffragettes (s); Women; Women — Law; Women — Political status (s); Women — Rights of women (s); Women — Social condition

Refer from Anthropology; Ethics; Family; Females (s); Girls; Home; Ladies (s); Man; Marriage; Mothers; Sociology; Wives; Woman (s); Young women

Refer from Biography

Refer from Crime and criminals

Refer from Gynecology (s); Medicine -Practice; Women — Hygiene

Refer from Factory laws; Factory system; Hours of labor; Labor and laboring classes; Sweating system; Women — Labor question (s); Women — Law; Women — Occupations; Working girls (s); Working women (s)

Refer from Hygiene; Women - Diseases

Refer from Law; Rights of women (s); Woman suffrage; Women — Rights of women (s); Women — Social condition

Refer from Occupations; Profession, Choice of; Professions; Women — Employment



Women - Continued Social condition

See also Woman suffrage; Women -

Women as artists

Women as authors

Women as lawvers

Women as physicians

Women in literature and art [Enter here works containing delineations or representations of women in art and literature] For the work of women as artists and as authors, see Women as artists, Women as

Women in the U. S. [Biography of American women should not be entered here, but under U. S. - Biography, and Women -Biographyl

See also National characteristics, American; U. S. - Social life and customs

Women's clubs

See also Girls' clubs; Mothers' clubs; Study clubs; Working women's clubs Wonders of the world see Seven wonders of the world

Wood See also Bark; Botany, Structural; Forests and forestry; Lumber and lumbering; Poles; Timber; Trees; also headings beginning Wood

-Distillation, see Wood distillation -Fossil, see Trees, Fossil

-Preservation See also Dry rot

Wood burning see Pyrography Wood carving

See also Arts and crafts; Carving (art industries); Decoration and ornament; Furniture; Woodwork

Wood distillation Wood engraving

See also Block books

Wood finishing

See also Graining; Lacquer; Painting, Mechanical; Stains and staining; Varnish and varnishing

Wood pulp

See also Cellulose; Paper

Woodcuts see Wood engraving Woods see Forests and forestry; Wood Woodwork

See also Bamboo; Cabinet work; Carpentry; Graining; Manual training; Pyrography; Stains and staining; Turning; Veneers and veneering; Wood carving; Wood finishing; Woodworking machinery

Refer from Emancipation (s); Rights of women (s); Woman suffrage; Women — Law; Women — Rights of women (s)
Refer from Artists; Women; Women — Occupations; Women in literature and art
Refer from Authors; Women; Women — Occupations; Women in literature and art
Refer from Lawyers; Women; Women — Occupations

Occupations

Refer from Physicians and surgeons; Women; Women - Occupations

Reser from Art; Literature; Women

Refer from National characteristics, American; U. S. — Social life and customs

Refer from Clubs; Women; Women—Clubs (s)

Refer from Bark; Building materials; Forest products; Forests and forestry; Fuel; Timber; Woods (s)

Refer from Dry rot; Kyanizing (s); Poles; Preservation of wood (s); Railroads — Ties; Timber - Preservation (s)

Refer from Arts and crafts; Bas-relief; Carmeter from Arts and crafts; Bas-felel; Carpentry; Carving (art industries); Decoration and ornament; Fret cutting (s); Furniture; Manual training; Woodwork

\*Refer from Chemistry, Technical; Distillation; Wood—Distillation (s)

\*Refer from Block books; Engraving; Wood-

cuts (s); Xylography (s)

Refer from Graining; House decoration; Painting, Mechanical; Stains and staining; Varnish and varnishing; Woodwork

Refer from Cellulose; Forest products; Paper; Pulp wood (s); Pulpwood (s)

Refer from Architecture; Carpentry; House decoration; Industrial arts; Manual training; Slojd (s); Sloyd (s); Turning; Wood carving



Woodworking machinery
See also Lathes; Planing machines; Saws

Wool

See also Dyes and dyeing; Khaki; Sheep; Textile industry and fabrics; Woolen manufacture; Worsted; Yarn

Woolen manufacture

See also Textile factories; Textile industry and fabrics; Wool Woolen mills see Textile factories; Woolen manufacture

Words

See also Definition; Etymology; Grammar; Language; Names; Pronunciation; Rhetoric; Spelling; Synonyms and antonyms; also names of languages

Work

See also Labor and laboring classes; Overwork

Workhouses

See also Prisons

Workhouses (charities) see Almshouses
Working classes see Labor and laboring classes
Working day see Hours of labor
Working girls see Girls; Women — Employment
Working girls' clubs see Working women's
clubs

Working women see Women — Employment

Working women's clubs

Workingmen's associations see Gilds; Labor unions; Workingmen's clubs

### Workingmen's clubs

Workingmen's dwellings see Housing problem Workingmen's gardens see Vacant lot cultiva-

Workingmen's insurance see Insurance, Accident; Insurance, Industrial; Insurance, State and compulsory

Workmen's compensation see Employers' liability; Wages

Works management see Factory management; Machine shop management; Scientific

management
Workshop receipts see Receipts
World see Earth; Universe
World politics see International relations
Worlds, Plurality of, see Plurality of worlds
World's fairs see Exhibitions

Worms

See also Earthworms; Invertebrates; Parasites

Worry

Šee also Fear

Worship

See also Ancestor worship; Animal worship; Church attendance; Church music; Church services; Devil worship; Devotional

Refer from Carpentry; Lathes; Lumber and lumbering; Machinery; Planing machines; Saws; Woodwork

Refer from Animal products; Fibers; Sheep; Textile industry and fabrics; Woolen manufacture; Worsted; Yarn

Refer from Textile industry and fabrics; Wool; Woolen mills (s)

Refer from Etymology; Language; Names

Refer from Conduct of life; Hygiene; Labor and laboring classes

Refer from Crime and criminals; Prisons; Punishment

Refer from Clubs; Women; Women's clubs; Working girls' clubs (s)

Refer from Clubs; Labor and laboring classes; Workingmen's associations (s)

Refer from Helminthology (c); Invertebrates

Refer from Anxiety (s); Conduct of life; Fear; Mental hygiene; Mind and body; Nervous system — Diseases; Psychology

Refer from Church polity; Church services; Devotion (s); Devotional exercises; Idolatry; Liturgies; Prayer; Religion; Religions; Re-

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exercises; Elements, Worship of; Family worship; Fetishism; Fire worship; Hymns; Idolatry; Incense; Litanies; Liturgies; Nature worship; Prayer; Prayers; Responsive worship; Rites and ceremonies; Ritualism; Sacraments; Sacrifice; Serpent worship; Sun worship; Totems and totemism; Tree worship

Worsted

See also Textile industry and fabrics; Wool; Yarn

Wounds

See also Hemorrhage; Surgery

Wrecking

See also Salvage Wrecks see Shipwrecks

Wrestling

See also Jiu-jitsu Writers see Authors

Writing

See also Abbreviations; Alphabet; Authorship; Autographs; Books; Capitalization; Ciphers; Cuneiform writing; Forgery; Graphology; Hieroglyphics; Ink; Inscriptions; Letter writing; Lettering; Manuscripts; Paleography; Paper; Penmanship; Pens; Picture writing; Punctuation; Rhetoric; Shorthand; Typewriting

Writing for the press see Authorship; Journal-

Wrongs see Torts
Wrought iron

See also Ironwork

Wrought iron work see Ironwork

Wyoming massacre, 1778

X ray photography see Radiography X rays

See also Cathode rays; Electric discharges through gases; Ions; N rays; Radiography; Radiotherapy

Xylography see Block books; Wood engraving Yachting see Yachts and yachting Yachts and yachting

See also America's cup; Aquatic sports; Boats and boating; Land yachts; Navigation; Sailing

Yarn

See also Cotton; Flax; Hemp; Silk; Spinning; Textile industry and fabrics; Wool; Worsted

Yawning

Year

See also Calendar; Chronology; Months;
Seasons

Year-books see Yearbooks

Yearbooks

See also Almanacs; Annuals; Calendars

Yeast

See also Fermentation

ligious services (s); Rites and ceremonies; Ritualism; Theology

Refer from Textile industry and fabrics; Wool; Yarn

Refer from Accidents; Injuries (s); Surgery; Surgery, Military; Surgery, Naval Refer from Salvage; Shipwrecks

Refer from Athletics; Jiu-jitsu; Sports

Refer from Alphabet; Books; Chirography (s); Ciphers; Graphology; Handwriting (s); Inscriptions; Language; Manuscripts; Paleography; Penmanship; Shorthand

Refer from Iron; Ironwork

Refer from Massacres; Pennsylvania — History; U. S. — History — Revolution — Campaigns and battles

Refer from Cathode rays; Diagnosis; Dislocations; Electric discharges through gases; Electricity; Fractures; Induction coils; Light; Radiation; Radioactivity; Radiography; Radiotherapy; Roentgen rays (s); Therapeutics

Refer from America's cup; Aquatic sports; Boat building (s); Boats and boating; Cup races (s); Navigation; Racing (s); Regattas (s); Sailing; Shipbuilding; Ships; Sports; Steam yachts (s); Steamboats; Yachting (s)

Refer from Spinning; Textile industry and fabrics; Wool; Worsted

Refer from Breathing; Physiology

Refer from Calendar; Chronology; Months

Refer from Almanacs; Annuals; Calendars; Registers; Statistics; Year-books (s)

Refer from Cookery; Fermentation

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#### Yellow fever

See also Mosquitoes

Yellow journalism see Journalism; Newspapers Yellow peril see Eastern question (Far East); Race problems; Yellow races

Yellow races

See also Color of man; Mongols; Ethnology — China; Ethnology — Japan

#### Yells

See also Battle cries

# Yiddish language

#### Yiddish literature

#### Yoga

See also Hinduism; Philosophy, Hindu; Theosophy; Vedanta

Young men

See also Boys; Conduct of life; Gentlemen; Men; Self-culture; Success; Youth Young people see Boys; Children; Girls; Young men; Young women; Youth Young women

See also Conduct of life; Girls; Self-culture; Women; Youth

Youth

See also Boys; Children; Girls; Puberty; Young men; Young women

Zend-Avesta see Avesta Zinc

See also Brass; Galvanizing; Metals

# Zincography

See also Etching

### Zionism

See also Tews

Zoar community see Separatist society of Zoar Zoarites see Separatist society of Zoar Zodiac

See also Astrology; Astronomy

# Zodiacal light

See also Auroras

Zoogeography see Geographical distribution of animals and plants

Zoological gardens

See also Menageries

Zoological mythology see Animal lore; Animals, Mythical Zoological nomenclature see Zoology — No-

menclature Zoologists

See also Entomologists; Naturalists; Ornithologists

Refer from Contagion and contagious diseases; Epidemics; Fever; Insects as carriers of contagion; Medicine — Practice; Mosquitoes; Tropics — Diseases and hygiene

Refer from Ethnology; Ethnology — Asia; Ethnology — China; Ethnology — Japan; Race problems; Yellow peril (s)

Refer from College yells (s); Cries (s)

Refer from German Hebrew (s); Hebrew language; Jewish language (s); Jews — Language (s); Judeo-German (s)

Refer from Hebrew literature; Jewish literature; Jews — Literature (s)

Refer from Hinduism; Philosophy, Hindu; Theosophy; Vedanta

Refer from Boys; Conduct of life; Men; Young people (s); Youth

Refer from Conduct of life; Girls; Women; Young people (s); Youth

Refer from Adolescence (s); Age; Boys; Child study; Children; Conduct of life; Girls; Puberty; Young men; Young women; Young people (s)

Refer from Metals; Mines and mineral resources; Sheet-metal work

Refer from Etching; Lithography; Lithozincography (s); Printing

Refer from Jews; Jews — Political and social conditions

Refer from Astronomy; Stars

Refer from Astronomy; Light

Refer from Animals; Animals in captivity (s); Menageries; Parks; Zoology

Refer from Naturalists; Scientists; Zoology

Zoology [for systematic works and those dealing with zoology as a science]

See also Anatomy, Comparative; Animalcules; Animals; Aquariums; Biology; Birds; Cave fauna; Cells; Color of animals; Domestic animals; Domestication; Ecology; Electrophysiology; Embryology; Evolution; Fish; Fresh-water fauna; Fur-bearing animals; Game; Geographical distribution of animals and plants; Heredity; Horns; Insects; Instinct; Invertebrates; Mammals; Man; Marine zoology; Menageries; Mendel's law; Microscope and microscopy; Monsters; Natural history; Nature study; Nests; Paleontology; Parasites; Phosphorescence; Physiology, Comparative; Psychology, Comparative; Quadrupeds; Reproduction; Species; Taxidermy; Variation (biology); Vertebrates; Wings; Zoological gardens; Zoologists; also headings beginning Animal, and names of animals and of classes, orders and families of animals

---Economic

See also Animal products; Birds, Useful and injurious; Domestic animals; Furbearing animals; Insects, Injurious and beneficial

-Nomenclature

\_\_\_T S

See also Birds — U. S.; Fish — U. S.; Insects — U. S.; Mollusks — U. S.; Reptiles — U. S.

Zootomy see Anatomy, Comparative

Zoroastrianism

See also Avesta; Dualism; Fire worship; Parsees

Zymotic diseases see Contagion and contagious diseases

Refer from Anatomy, Comparative; Animal kingdom (s); Animals; Beasts (s); Biology; Brutes (s); Domestic animals; Fauna (s); Invertebrates; Mammals; Natural history; Nature; Nature study; Quadrupeds; Science; Vertebrates; Wild animals (s)

Refer from Animals, Useful and harmful (s); Economic zoology (s)

Refer from Names; Nomenclature (s); Terminology (s); Zoological nomenclature (s)

Refer from Natural history — U. S.; U. S. — Fauna (s); U. S. — Zoology (s)

Refer from Avesta; Dualism; Fire worship; Parsees; Religions

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